

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018939.D
 Acq On : 26 Feb 2019 21:01
 Operator : JU/SJ
 Sample : K1610-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

Quant Time: Feb 27 00:04:22 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 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	307272	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1113408	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	503093	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	953714	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1073016	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1186312	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2386017	127.23	ng	-0.02
7) Phenol-d6	6.87	99	3131018	118.51	ng	-0.01
23) Nitrobenzene-d5	8.86	82	1995368	82.87	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	762345	105.12	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	1881362	49.64	ng	-0.02
79) Terphenyl-d14	19.73	244	2431002	46.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	284940	34.885	ng	97
3) Pyridine	3.64	79	861636	38.673	ng	99
4) n-Nitrosodimethylamine	3.56	42	274899	48.501	ng	90
6) Aniline	7.04	93	1141157	35.254	ng	99
8) 2-Chlorophenol	7.26	128	847647	41.168	ng	98
9) Benzaldehyde	6.85	77	462788	29.892	ng	99
10) Phenol	6.90	94	1163206	41.845	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	829967	39.140	ng	99
12) 1,3-Dichlorobenzene	7.58	146	915970	39.563	ng	99
13) 1,4-Dichlorobenzene	7.73	146	933856	39.621	ng	99
14) 1,2-Dichlorobenzene	8.04	146	887723	39.210	ng	100
15) Benzyl Alcohol	7.95	79	796300	37.933	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	799574	38.959	ng	98
17) 2-Methylphenol	8.14	107	686802	38.819	ng	96
18) Hexachloroethane	8.76	117	339371	39.443	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	726031	35.493	ng	99
20) 3+4-Methylphenols	8.47	107	912271	37.341	ng	99
22) Acetophenone	8.52	105	1218604	39.855	ng	# 99
24) Nitrobenzene	8.90	77	1054044	42.171	ng	100
25) Isophorone	9.42	82	1704754	44.370	ng	100
26) 2-Nitrophenol	9.60	139	425016	42.699	ng	99
27) 2,4-Dimethylphenol	9.66	122	679577	46.744	ng	100
28) bis(2-Chloroethoxy)methane	9.90	93	1021940	41.132	ng	99
29) 2,4-Dichlorophenol	10.13	162	676703	40.538	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	785861	40.764	ng	99
31) Naphthalene	10.53	128	2397064	44.143	ng	100
32) Benzoic acid	9.77	122	95730	7.549	ng	93
33) 4-Chloroaniline	10.66	127	479378	19.749	ng	99
34) Hexachlorobutadiene	10.79	225	443143	39.602	ng	99
35) Caprolactam	11.47	113	167767	24.625	ng	91
36) 4-Chloro-3-methylphenol	11.78	107	704614	35.009	ng	99
37) 2-Methylnaphthalene	12.15	142	1592712	41.659	ng	99
38) 1-Methylnaphthalene	12.37	142	1489821	39.850	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	723003	44.925	ng	100

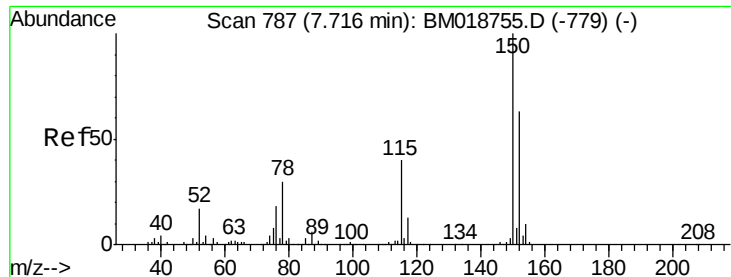
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	424772	51.624	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	476405	44.717	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	483337	43.284	ng	98
46) 1,1'-Biphenyl	13.17	154	1875829	43.316	ng	99
47) 2-Chloronaphthalene	13.22	162	1452960	43.439	ng	99
48) 2-Nitroaniline	13.44	65	474306	42.696	ng	100
49) Acenaphthylene	14.07	152	2232824	44.831	ng	99
50) Dimethylphthalate	13.81	163	1841985	43.932	ng	99
51) 2,6-Dinitrotoluene	13.94	165	362303	39.890	ng	98
52) Acenaphthene	14.41	154	1307909	42.827	ng	99
53) 3-Nitroaniline	14.27	138	271825	26.488	ng	99
54) 2,4-Dinitrophenol	14.49	184	118357	24.820	ng	97
55) Dibenzofuran	14.74	168	2009817	40.039	ng	100
56) 4-Nitrophenol	14.59	139	572085	69.834	ng	99
57) 2,4-Dinitrotoluene	14.73	165	470301	37.582	ng	95
58) Fluorene	15.40	166	1597426	41.598	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	389135	39.425	ng	99
60) Diethylphthalate	15.17	149	1582575	36.591	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	766767	35.612	ng	98
62) 4-Nitroaniline	15.44	138	319476	31.755	ng	97
63) Azobenzene	15.69	77	1756034	37.867	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	140124	20.926	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1294669	42.967	ng	98
67) 4-Bromophenyl-phenylether	16.29	248	432225	40.489	ng	96
68) Hexachlorobenzene	16.39	284	492728	39.710	ng	99
69) Atrazine	16.57	200	366685	37.748	ng	99
70) Pentachlorophenol	16.74	266	617269	77.261	ng	99
71) Phenanthrene	17.14	178	2356002	45.967	ng	100
72) Anthracene	17.23	178	2306292	46.230	ng	100
73) Carbazole	17.51	167	2062271	39.568	ng	99
74) Di-n-butylphthalate	18.06	149	2394355	39.945	ng	100
75) Fluoranthene	19.16	202	2661697	44.957	ng	99
77) Benzidine	19.36	184	2031310	84.057	ng	100
78) Pyrene	19.53	202	2722278	43.683	ng	99
80) Butylbenzylphthalate	20.43	149	1181741	41.608	ng	100
81) Benzo(a)anthracene	21.27	228	2750998	43.982	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1011612	40.923	ng	99
83) Chrysene	21.33	228	2586714	43.147	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1849317	44.488	ng	98
85) Di-n-octyl phthalate	22.07	149	3067920	43.912	ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3640226	52.592	ng	100
88) Benzo(b)fluoranthene	22.86	252	2990311	44.057	ng	100
89) Benzo(k)fluoranthene	22.91	252	2885068	42.696	ng	99
90) Benzo(a)pyrene	23.44	252	2904919	45.179	ng	100
91) Dibenzo(a,h)anthracene	25.84	278	3079011	48.334	ng	99
92) Benzo(g,h,i)perylene	26.53	276	3012755	50.800	ng	99

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

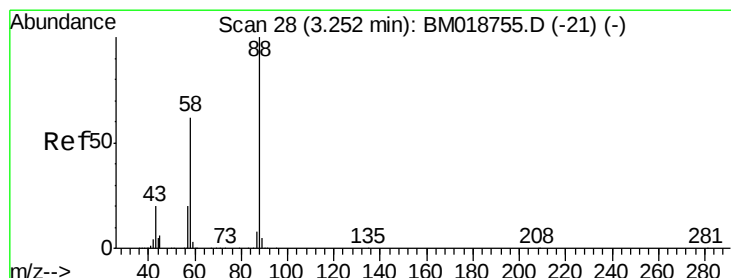
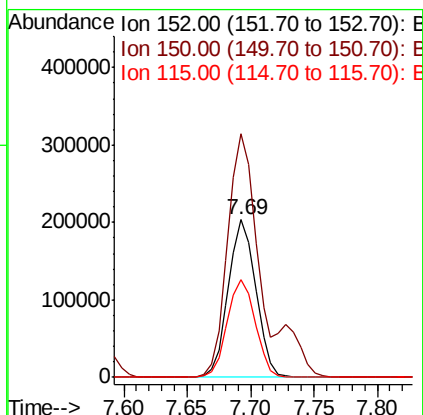
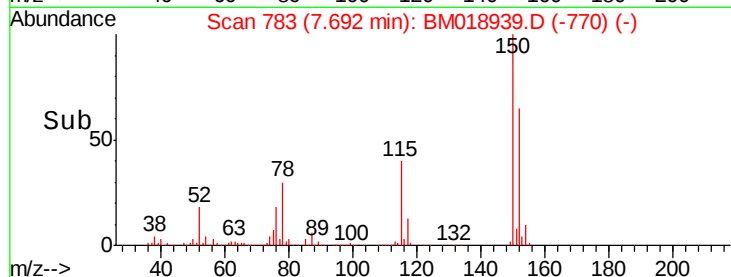
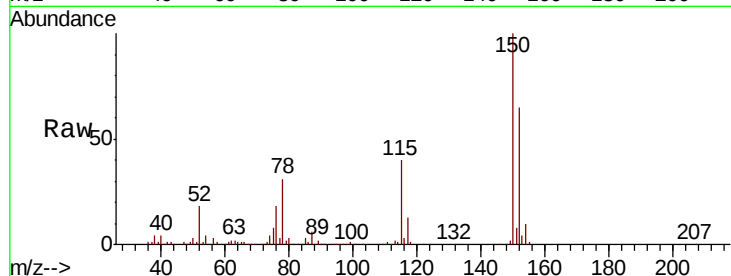


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

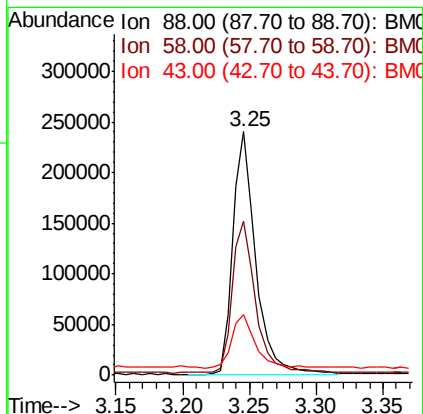
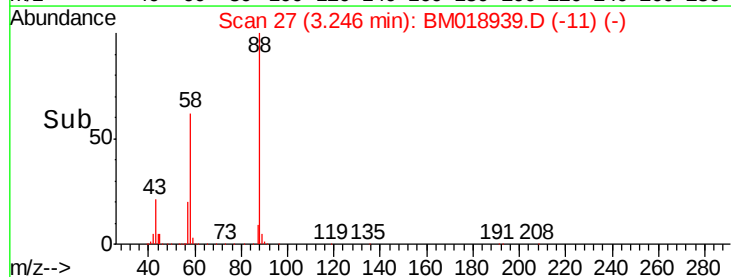
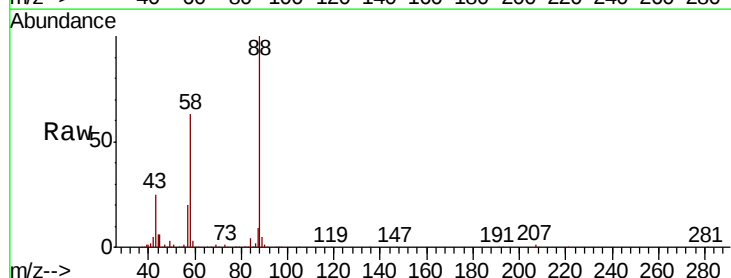
Tgt Ion:152 Resp: 307272
Ion Ratio Lower Upper
152 100
150 154.4 127.3 190.9
115 61.9 50.8 76.2

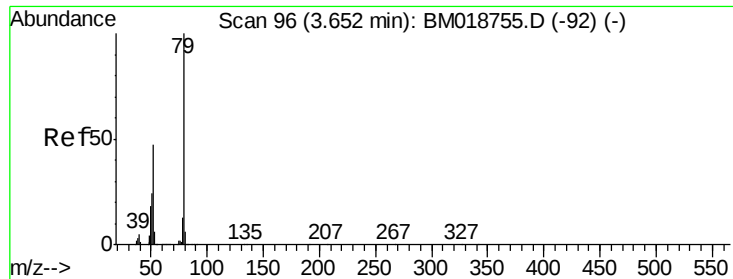


#2

1,4-Dioxane
Concen: 34.885 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion: 88 Resp: 284940
Ion Ratio Lower Upper
88 100
58 63.7 49.8 74.6
43 22.9 16.7 25.1





#3

Pyridine

Concen: 38.673 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

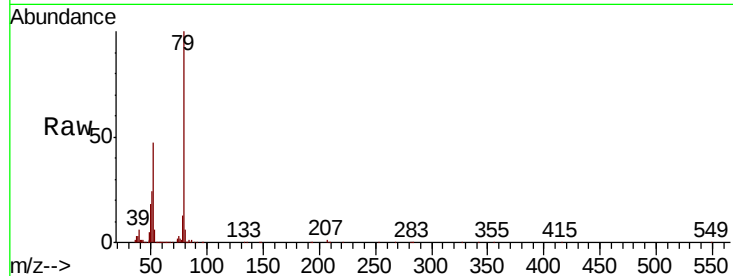
Tgt Ion: 79 Resp: 861636

Ion Ratio Lower Upper

79 100

52 46.5 37.6 56.4

51 24.1 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) (-)

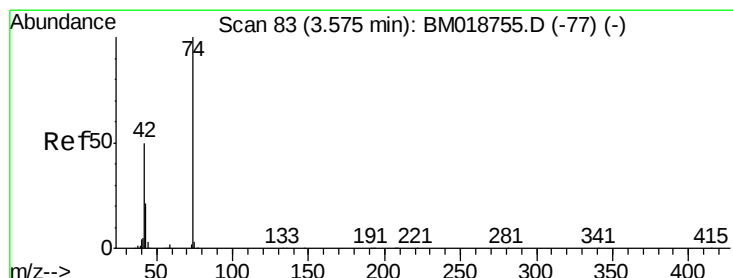
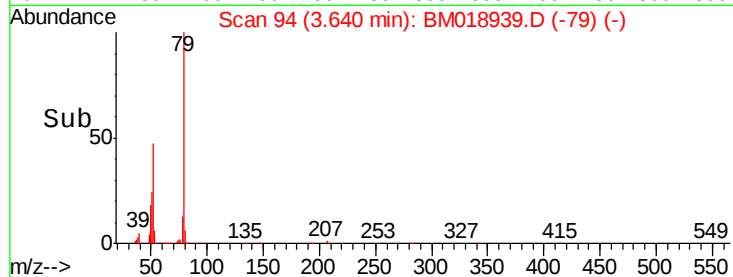
3.64

400000

200000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 48.501 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

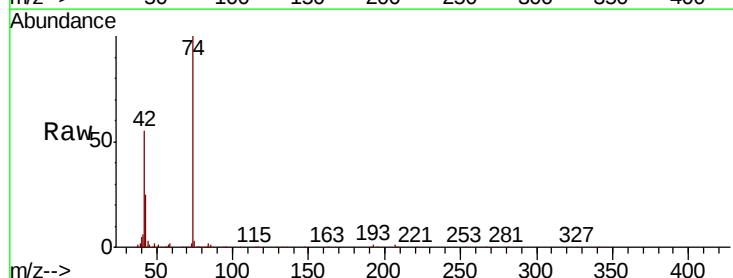
Tgt Ion: 42 Resp: 274899

Ion Ratio Lower Upper

42 100

74 181.6 158.1 237.1

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) (-)

400000

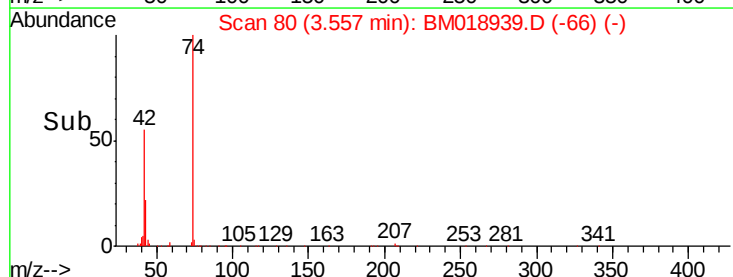
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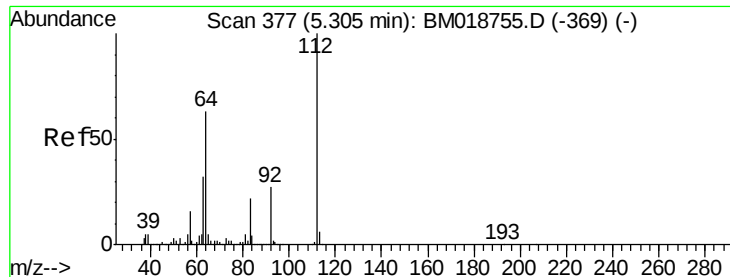
200000

100000

0

Time-->





#5

2-Fluorophenol

Concen: 127.230 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

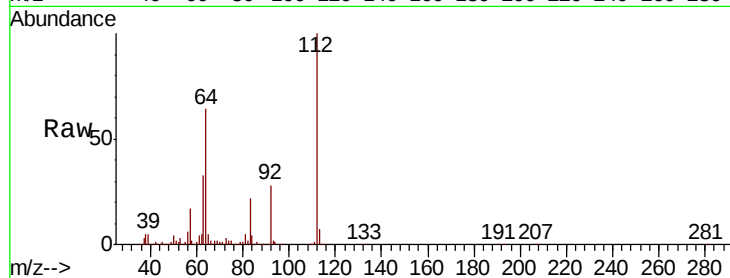
BNA_M

ClientSampleId :

WV-EMS

Tgt Ion: 112 Resp: 2386017

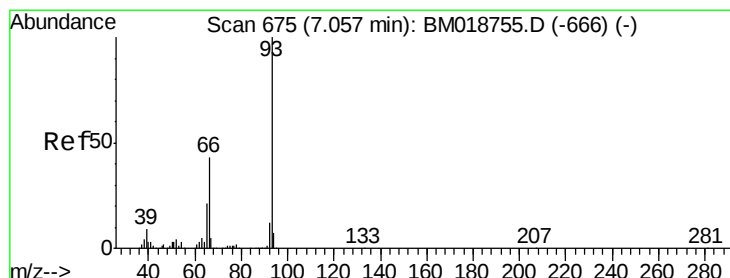
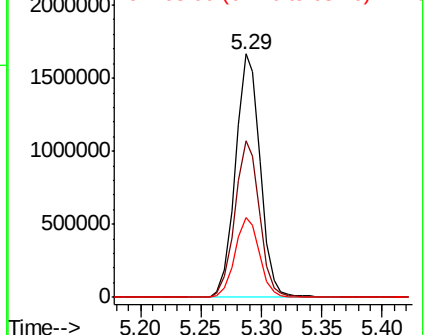
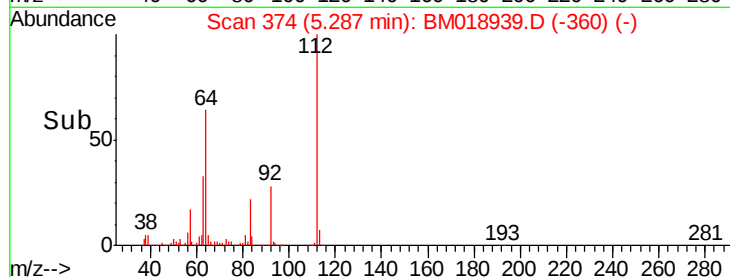
Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	75.8
63	32.9	25.7	38.5



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: 35.254 ng

RT: 7.04 min Scan# 672

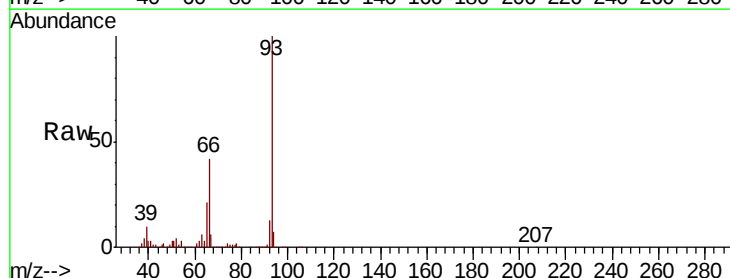
Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Tgt Ion: 93 Resp: 1141157

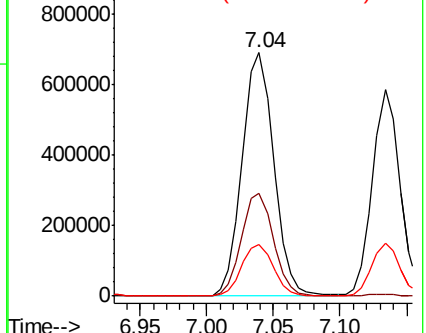
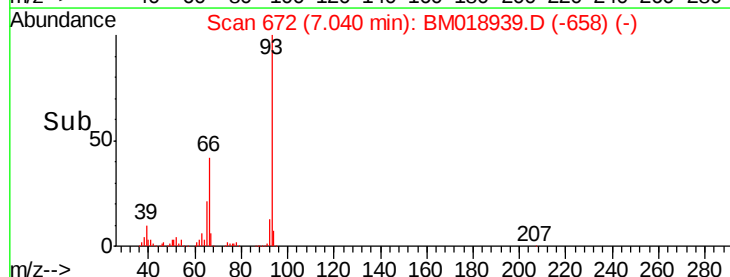
Ion	Ratio	Lower	Upper
93	100		
66	42.3	34.1	51.1
65	21.3	16.6	24.8

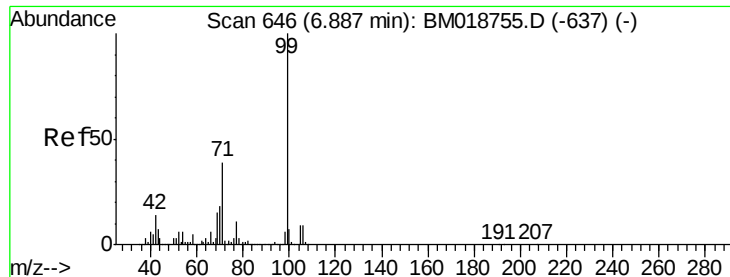


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 118.513 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

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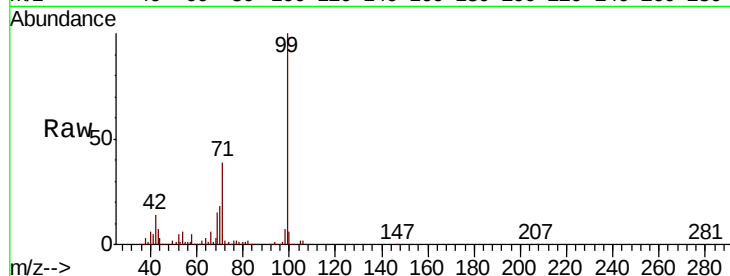
Tgt Ion: 99 Resp: 3131018

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.6 31.3 46.9

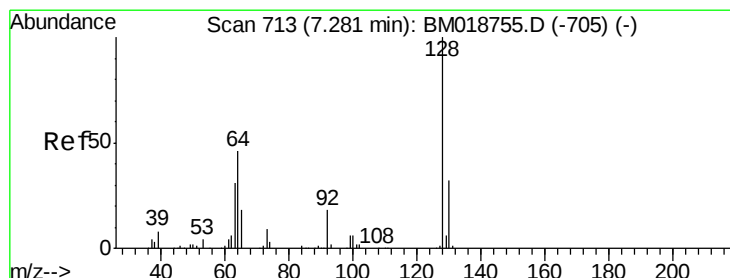
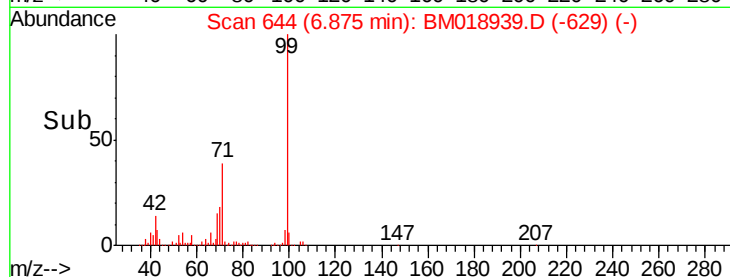
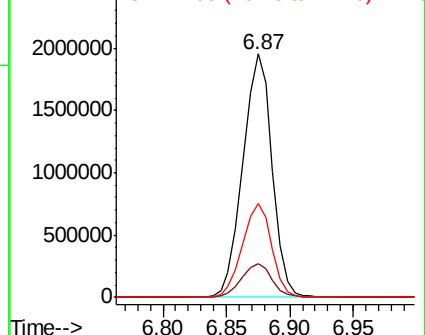


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 41.168 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

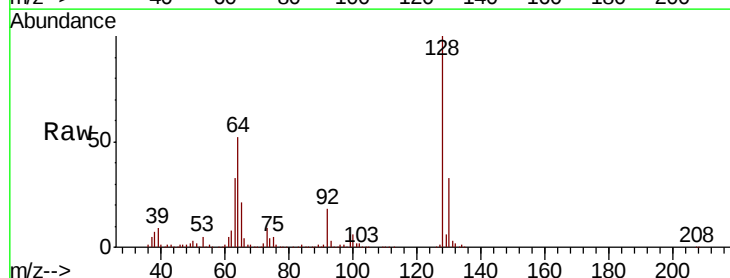
Tgt Ion: 128 Resp: 847647

Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 52.3 31.0 71.0

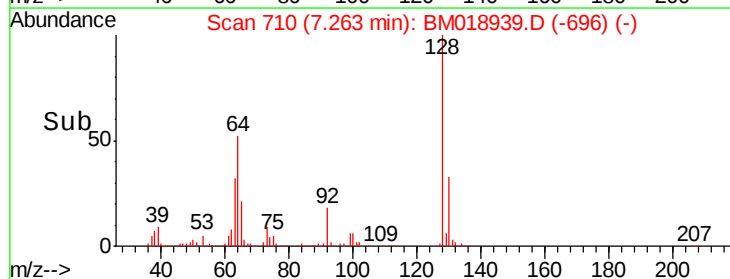
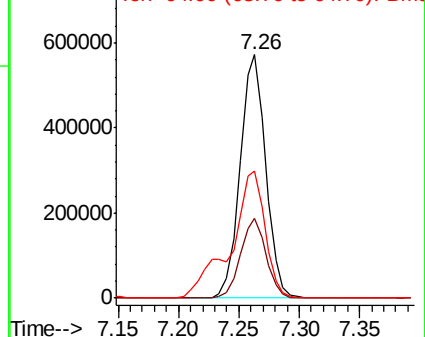


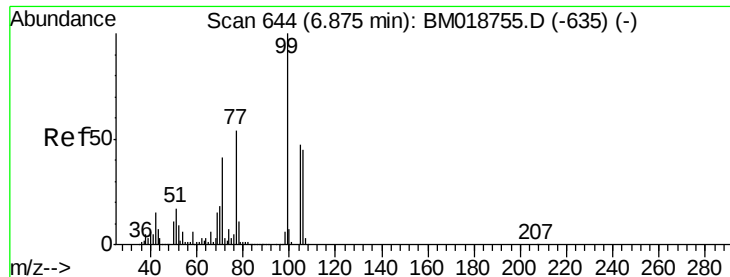
Abundance

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

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

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





#9

Benzaldehyde

Concen: 29.892 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

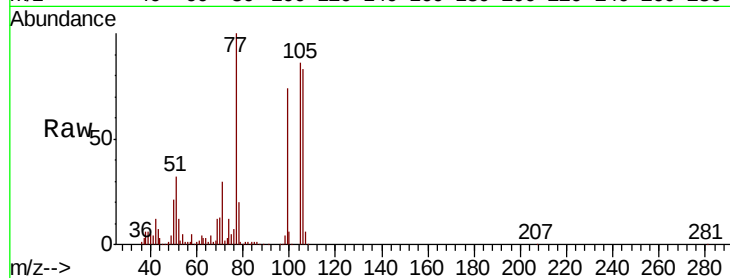
Tgt Ion: 77 Resp: 462788

Ion Ratio Lower Upper

77 100

105 86.1 67.3 107.3

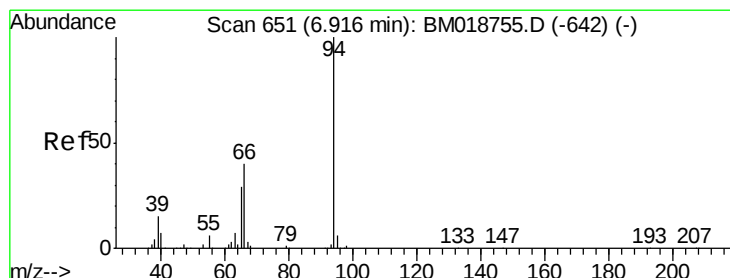
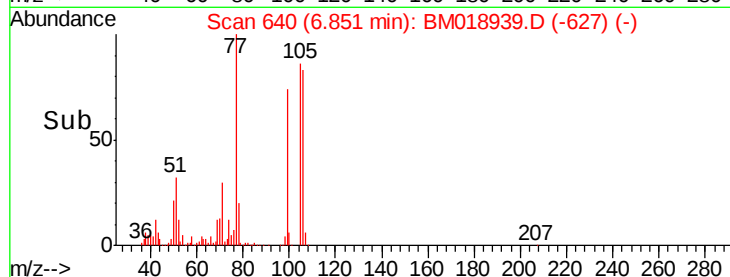
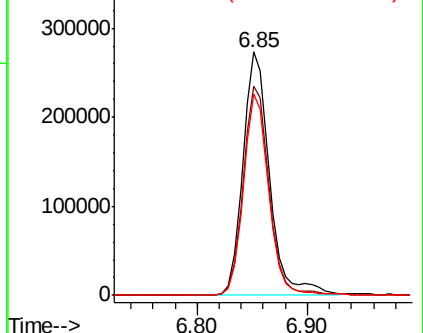
106 82.6 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018939.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018939.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018939.D (-627) (-)



#10

Phenol

Concen: 41.845 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

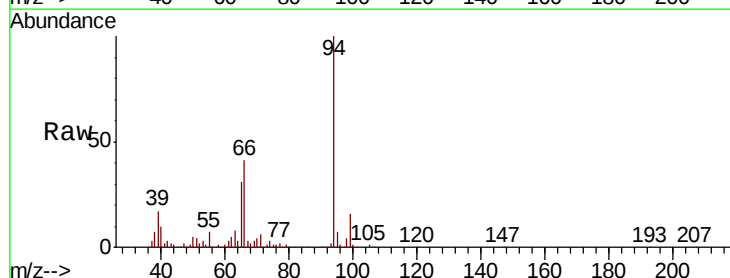
Tgt Ion: 94 Resp: 1163206

Ion Ratio Lower Upper

94 100

65 30.5 9.6 49.6

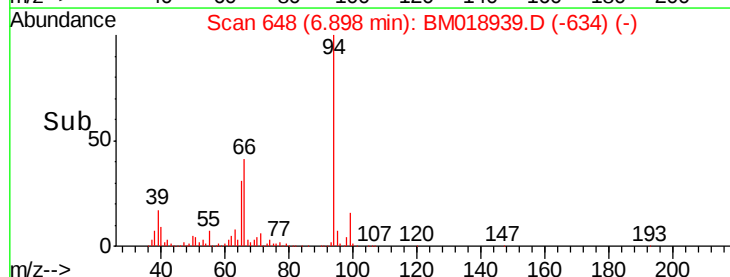
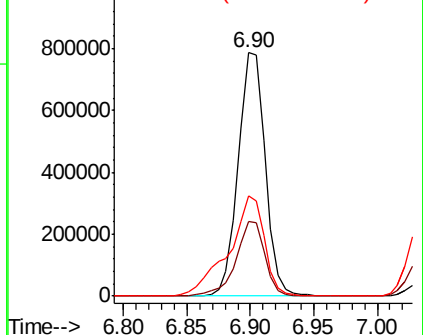
66 41.0 20.4 60.4

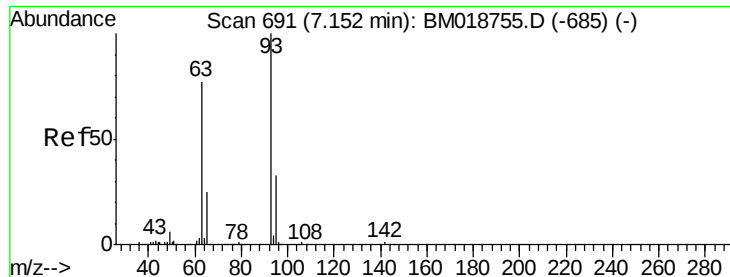


Abundance Ion 94.00 (93.70 to 94.70): BM018939.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018939.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018939.D (-634) (-)

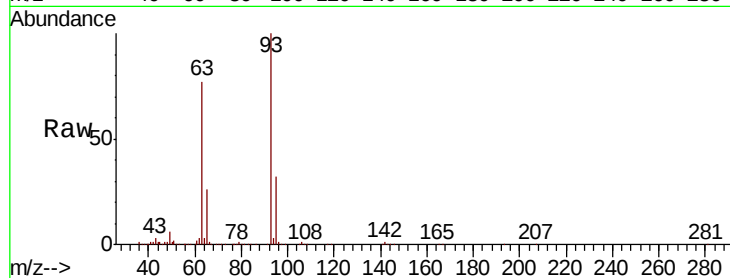




#11
bis(2-Chloroethyl)ether
Concen: 39.140 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.0	97.0
95	31.5	12.4	52.4

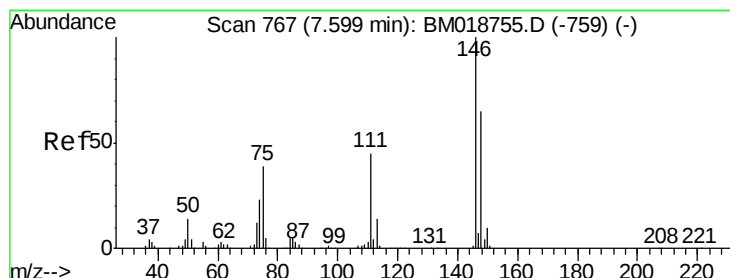
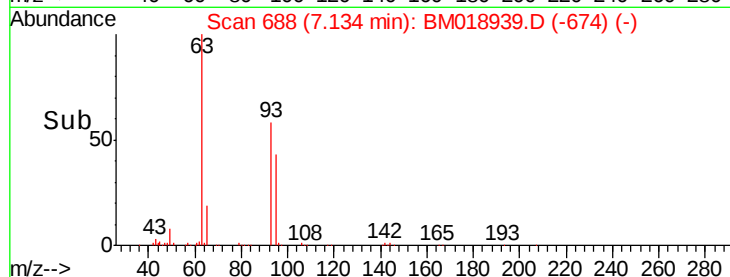
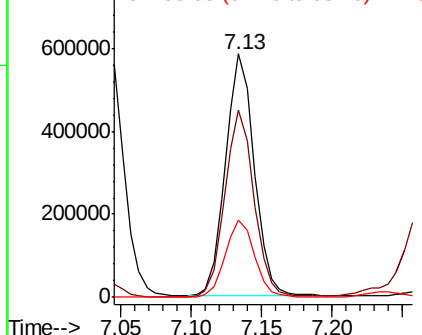


Abundance

Ion 93.00 (92.70 to 93.70): BM018755.D (-685) (-)

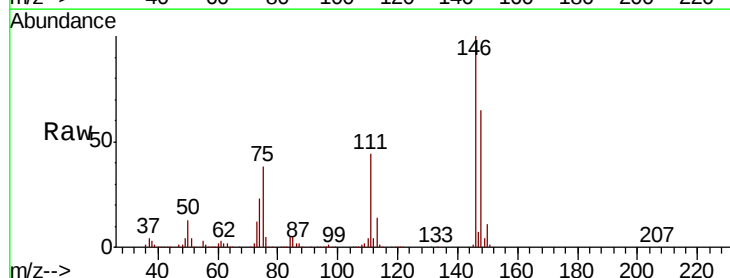
Ion 63.00 (62.70 to 63.70): BM018755.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-685) (-)



#12
1,3-Dichlorobenzene
Concen: 39.563 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	38.1	31.3	46.9

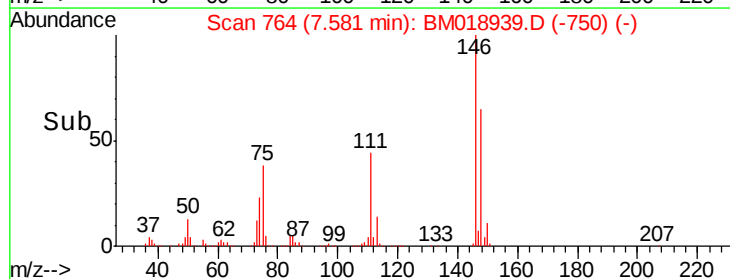
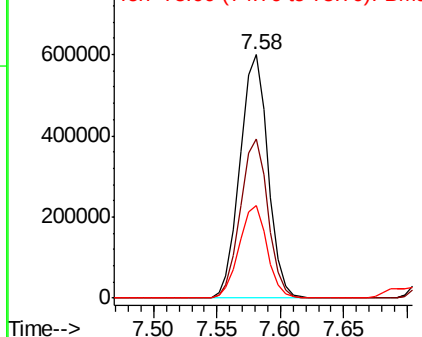


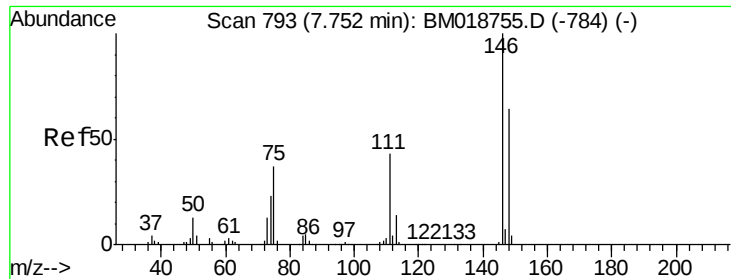
Abundance

Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM018755.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM018755.D (-759) (-)

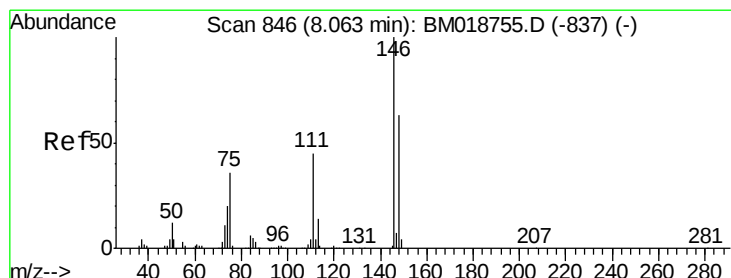
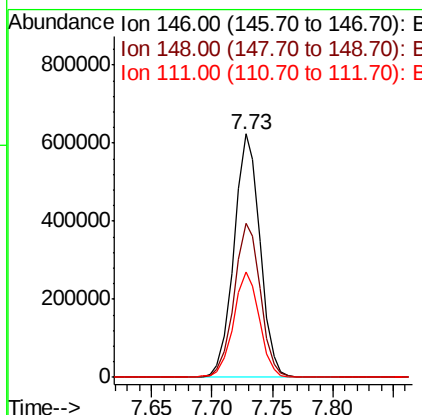
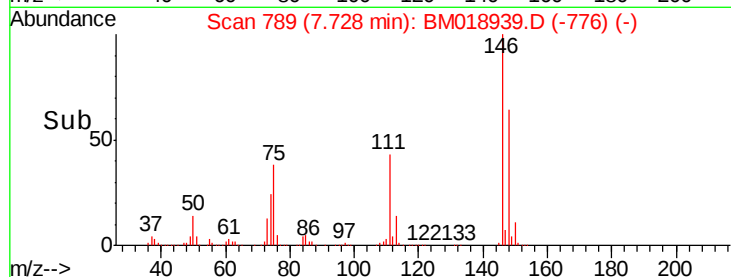
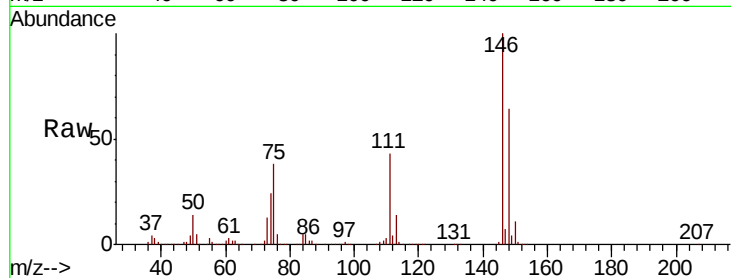




#13
 1,4-Dichlorobenzene
 Concen: 39.621 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

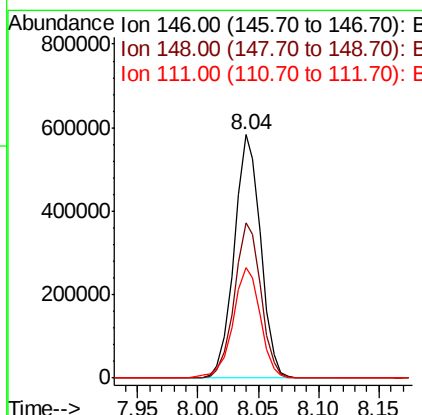
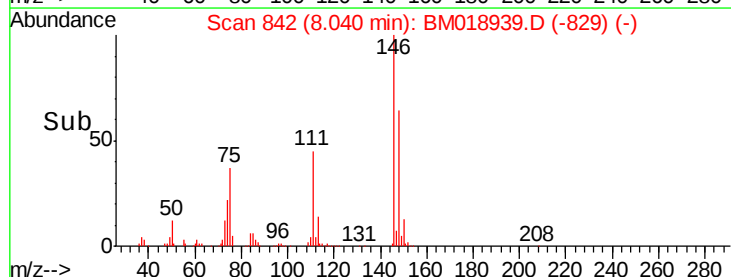
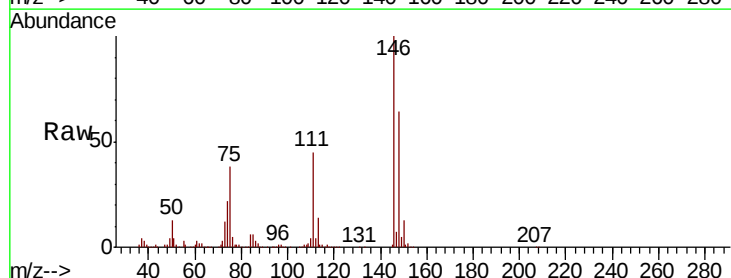
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

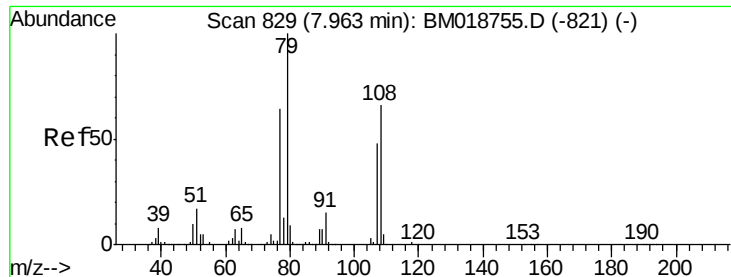
Tgt Ion:146 Resp: 933856
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.2
 111 43.2 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.210 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:146 Resp: 887723
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.7 76.1
 111 45.2 35.9 53.9





#15

Benzyl Alcohol

Concen: 37.933 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

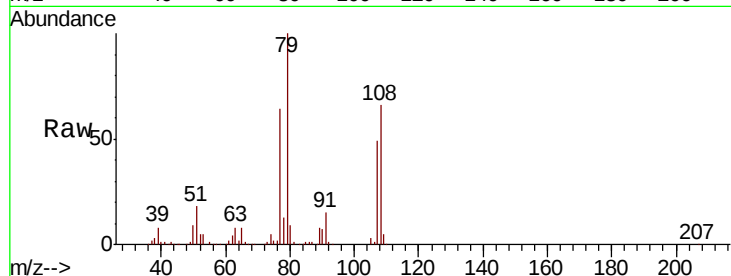
Tgt Ion: 79 Resp: 796300

Ion Ratio Lower Upper

79 100

108 66.1 52.7 79.1

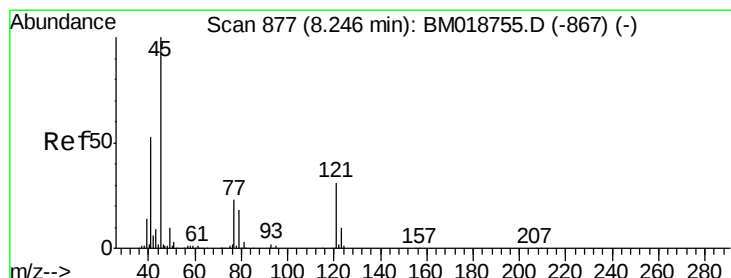
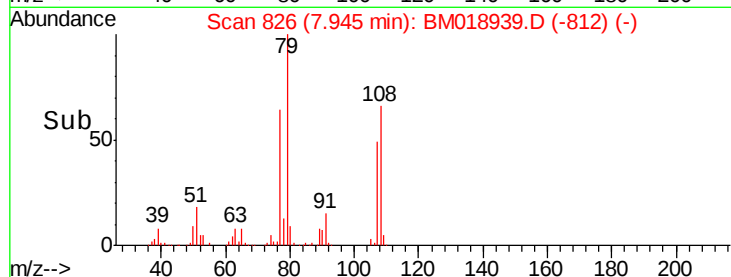
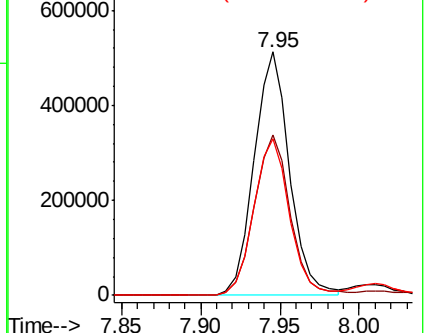
77 64.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018939.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018939.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018939.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.959 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

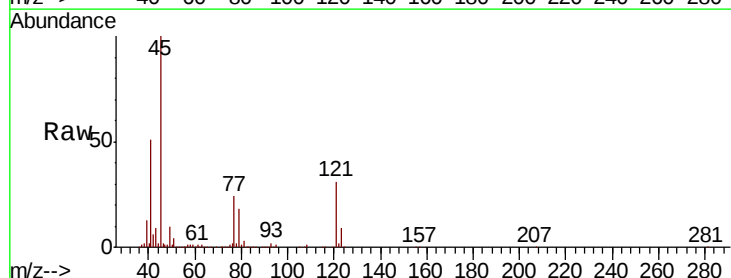
Tgt Ion: 45 Resp: 799574

Ion Ratio Lower Upper

45 100

77 23.6 5.0 45.0

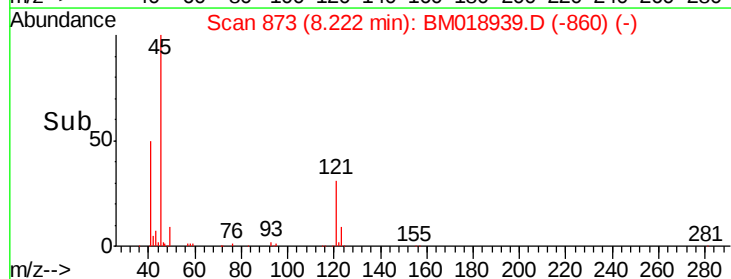
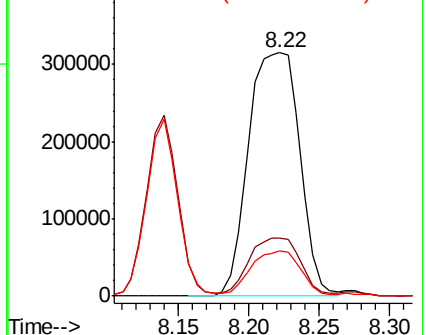
79 18.4 0.0 39.3

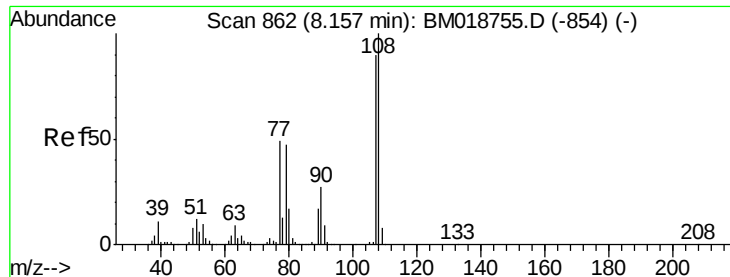


Abundance Ion 45.00 (44.70 to 45.70): BM018939.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018939.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018939.D (-860) (-)

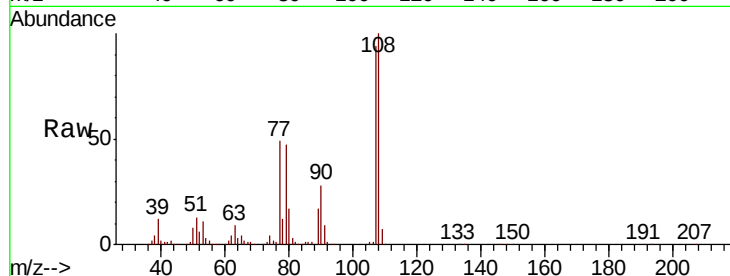




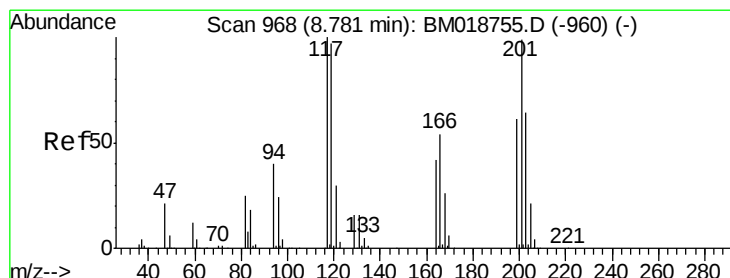
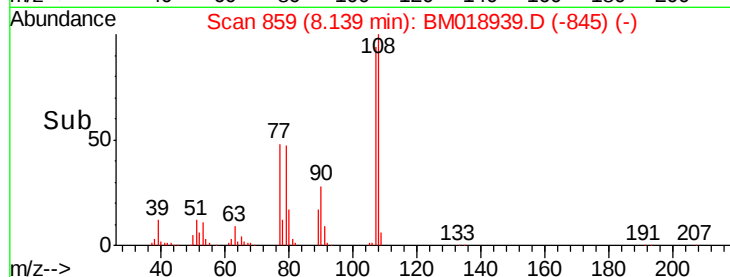
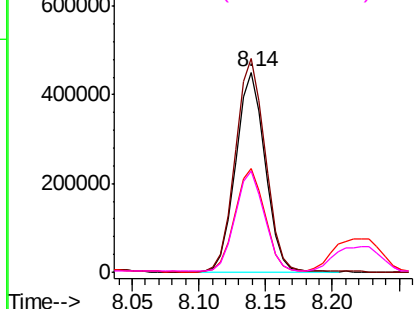
#17
2-Methylphenol
Concen: 38.819 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:	107	Resp:	686802
Ion	Ratio	Lower	Upper
107	100		
108	106.7	88.8	133.2
77	52.0	44.0	66.0
79	50.6	42.4	63.6

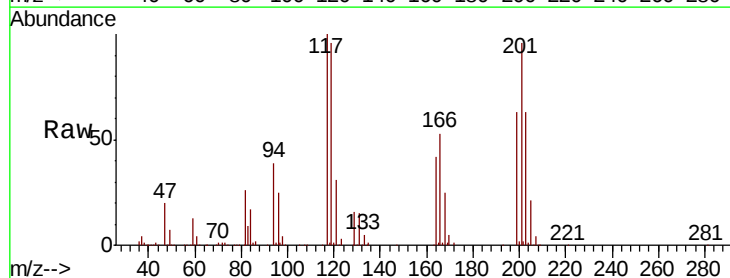


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

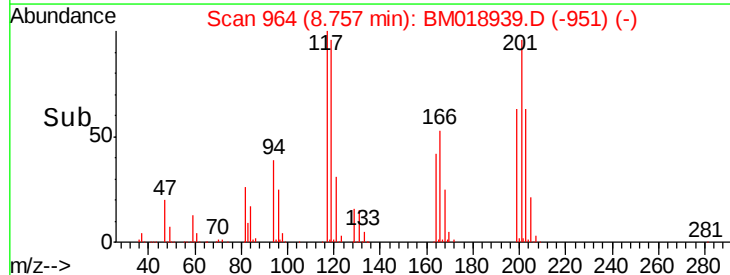
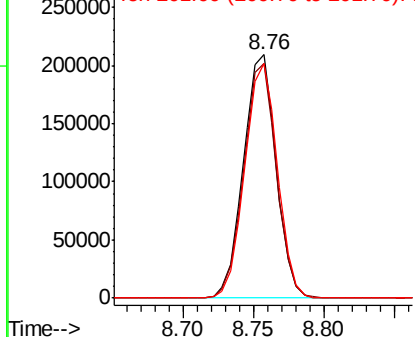


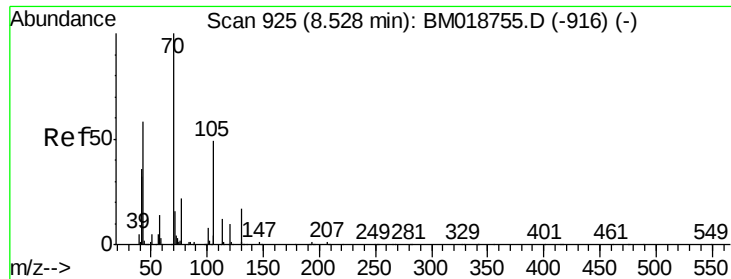
#18
Hexachloroethane
Concen: 39.443 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:	117	Resp:	339371
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.9	116.9
201	96.5	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

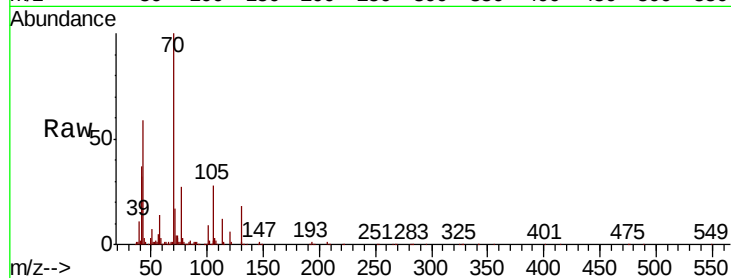




#19
n-Nitroso-di-n-propylamine
Concen: 35.493 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:	70	Resp:	726031
Ion	Ratio	Lower	Upper
70	100		
42	37.4	29.4	44.0
101	8.8	6.7	10.1
130	17.7	14.0	21.0



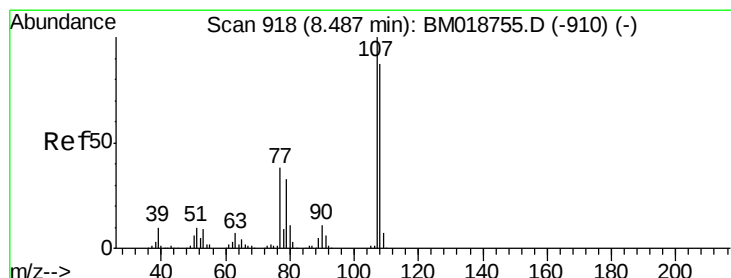
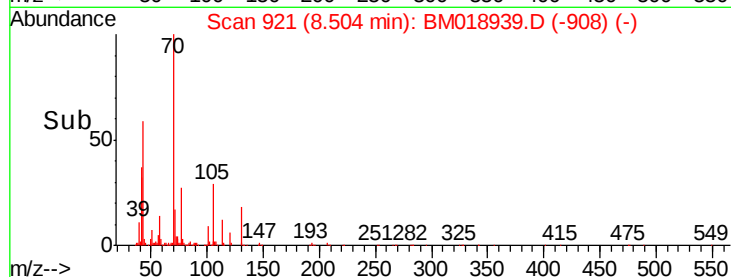
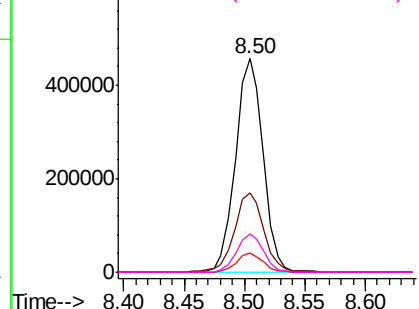
Abundance

Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-916) (-)

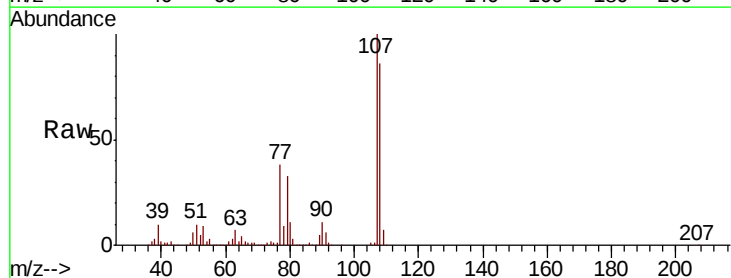
Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-916) (-)



#20
3+4-Methylphenols
Concen: 37.341 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:	107	Resp:	912271
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.3	107.3
77	38.5	18.0	58.0
79	32.6	12.8	52.8



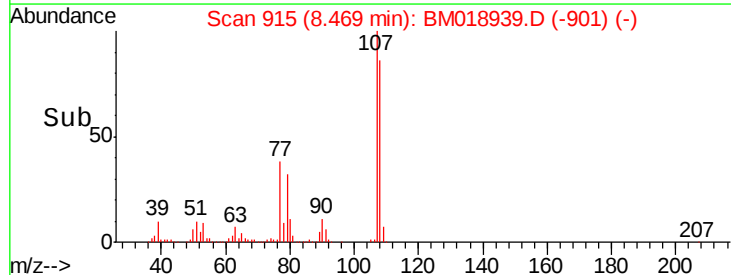
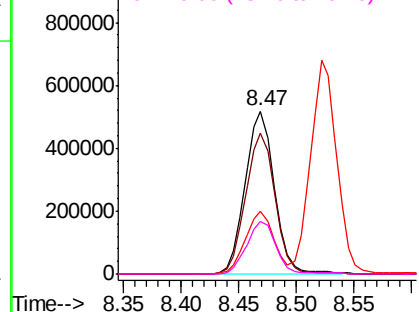
Abundance

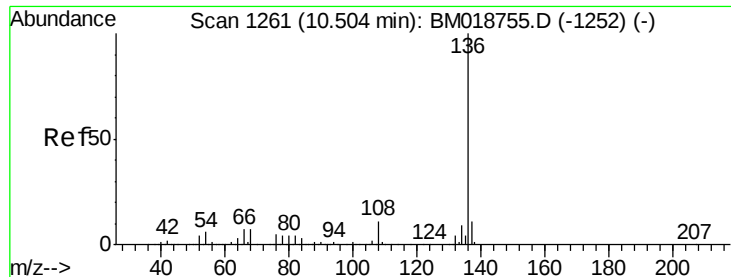
Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-910) (-)

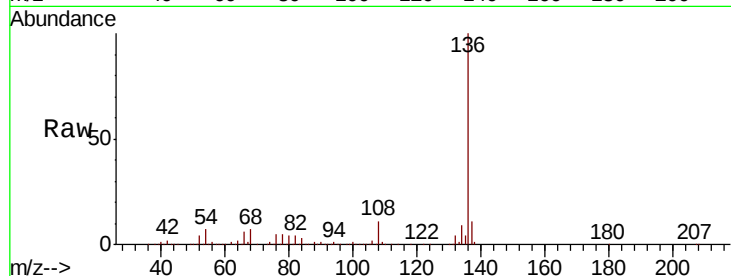




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampled :
WV-EMS

Tgt Ion:	136	Resp:	1113408
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.0	7.6
68	7.4	5.5	8.3



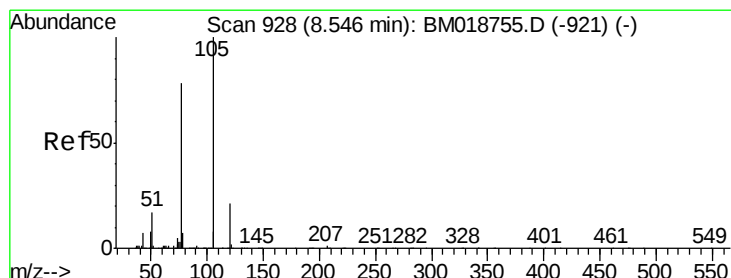
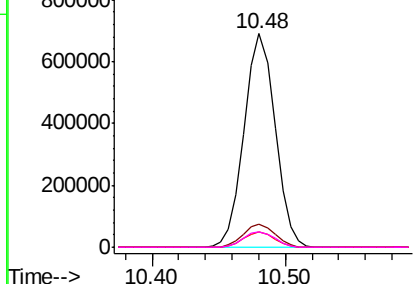
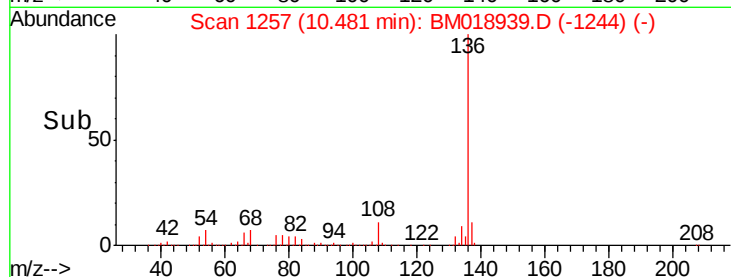
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

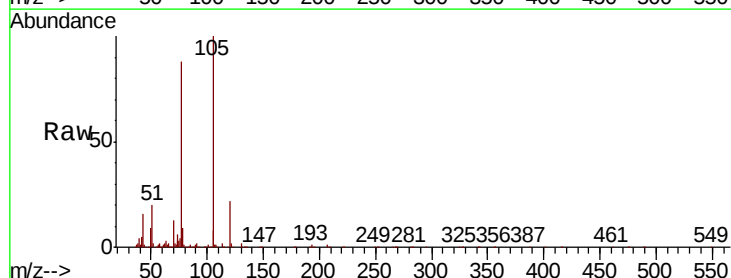
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.855 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:	105	Resp:	1218604
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.1	1.7#
51	20.3	15.5	23.3
120	21.5	17.0	25.4



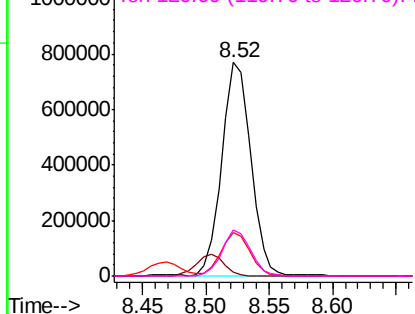
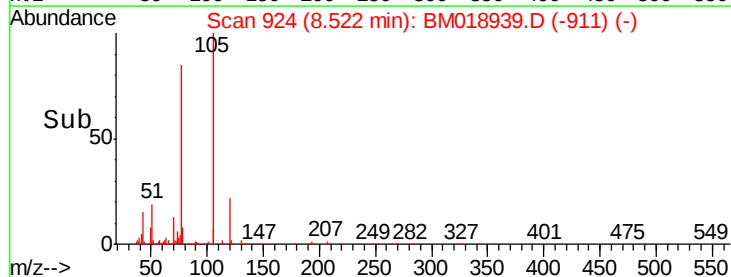
Abundance

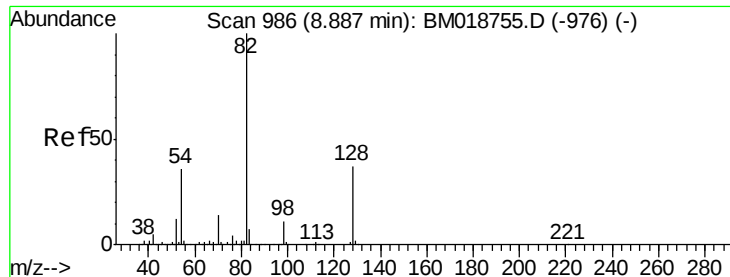
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

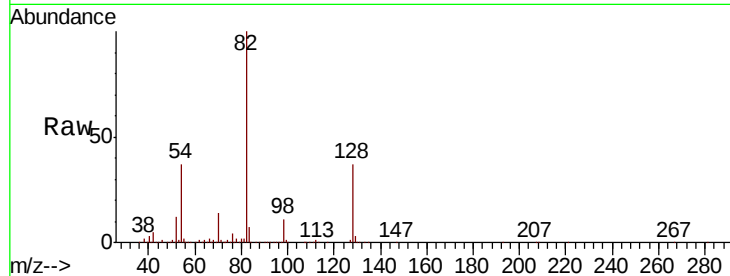




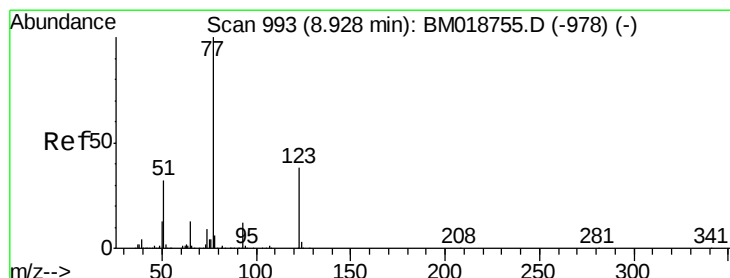
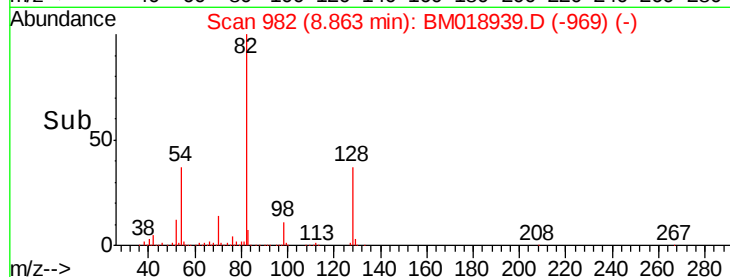
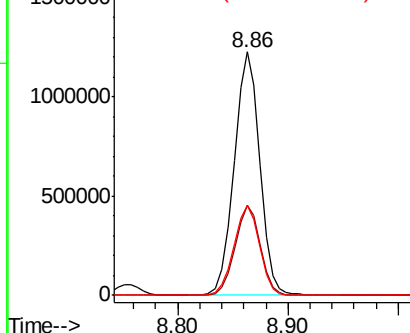
#23
Nitrobenzene-d5
Concen: 82.865 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion: 82 Resp: 1995368
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.0 29.1 43.7

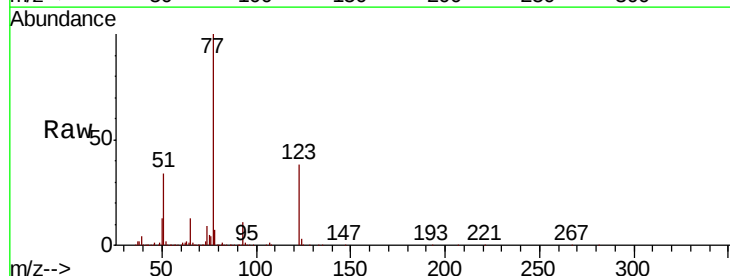


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

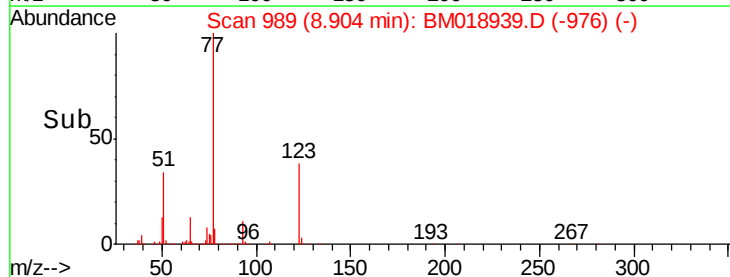
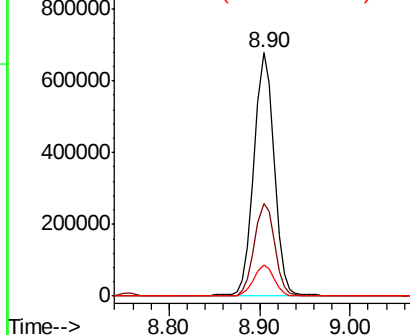


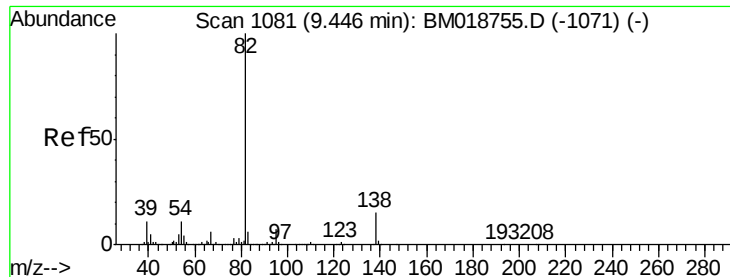
#24
Nitrobenzene
Concen: 42.171 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion: 77 Resp: 1054044
Ion Ratio Lower Upper
77 100
123 38.1 30.7 46.1
65 12.9 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)
Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 44.370 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampled :

WV-EMS

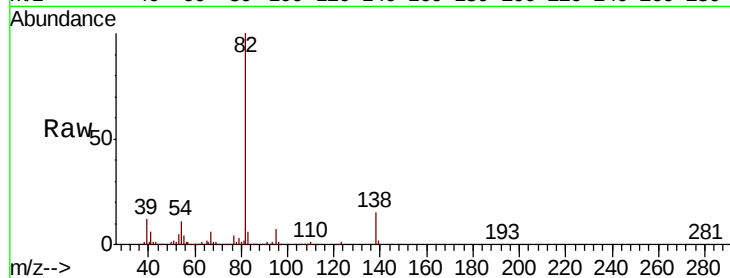
Tgt Ion: 82 Resp: 1704754

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

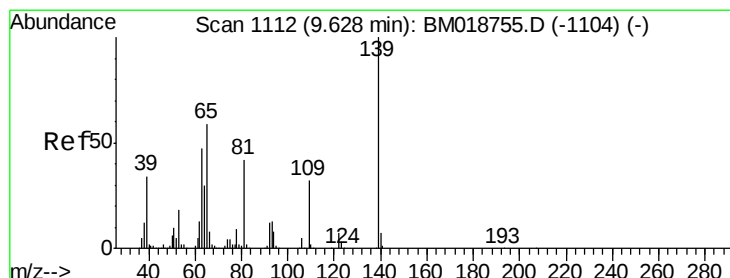
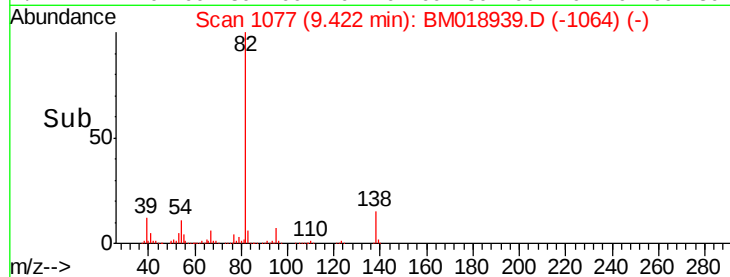
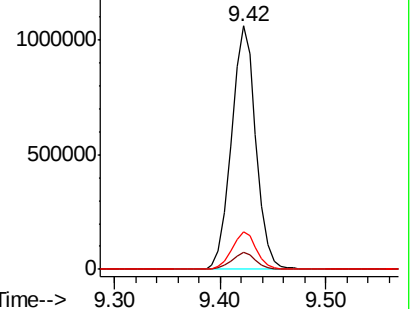
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018939.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018939.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018939.D (-1064) (-)



#26

2-Nitrophenol

Concen: 42.699 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

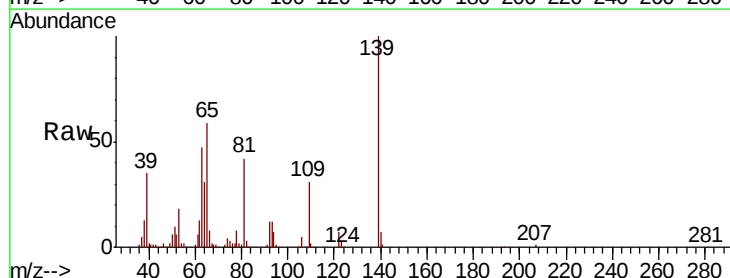
Tgt Ion: 139 Resp: 425016

Ion Ratio Lower Upper

139 100

109 30.6 25.2 37.8

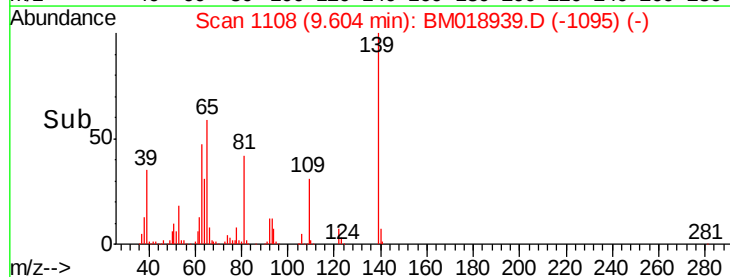
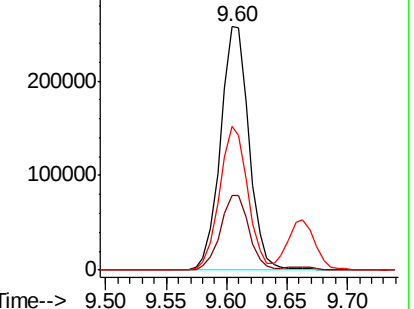
65 59.1 47.0 70.4

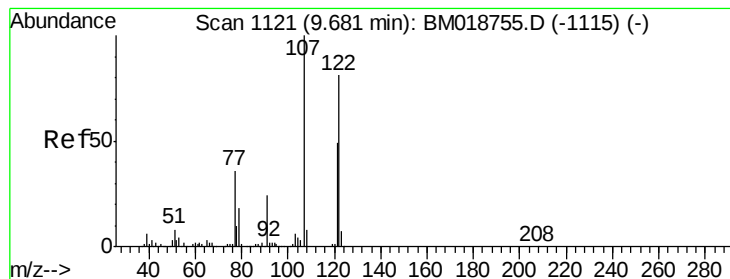


Abundance Ion 139.00 (138.70 to 139.70): BM018939.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018939.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018939.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 46.744 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

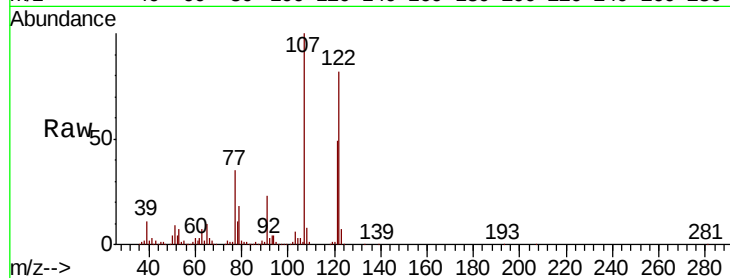
Tgt Ion:122 Resp: 679577

Ion Ratio Lower Upper

122 100

107 122.6 97.6 146.4

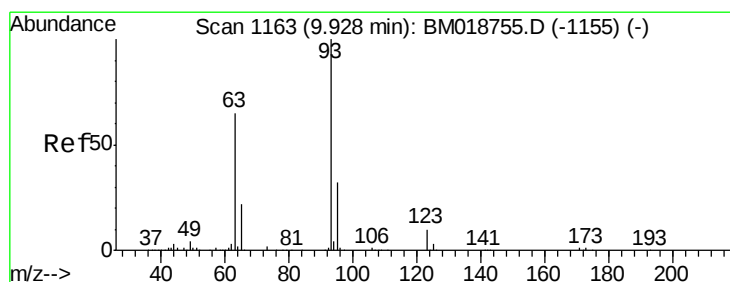
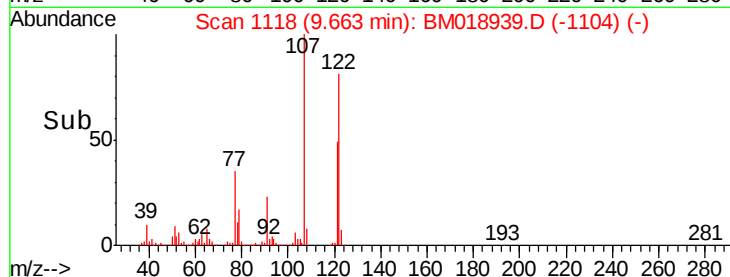
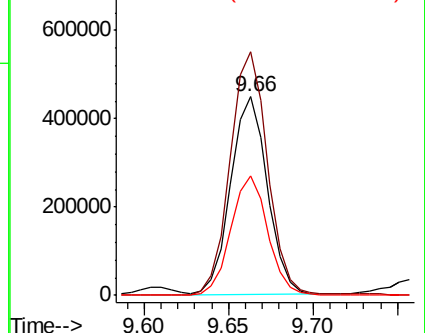
121 60.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.132 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

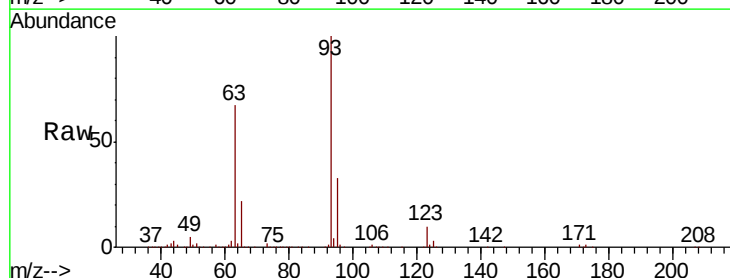
Tgt Ion: 93 Resp: 1021940

Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

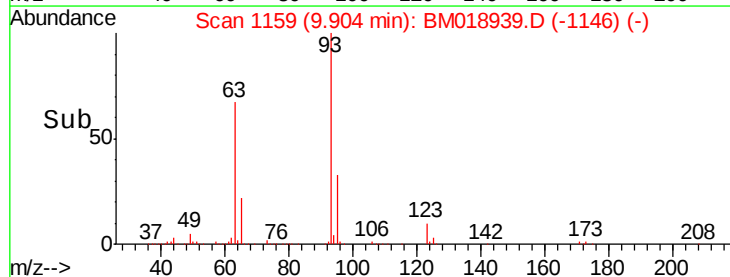
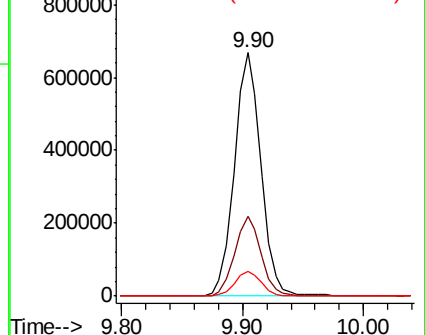
123 10.1 8.2 12.4

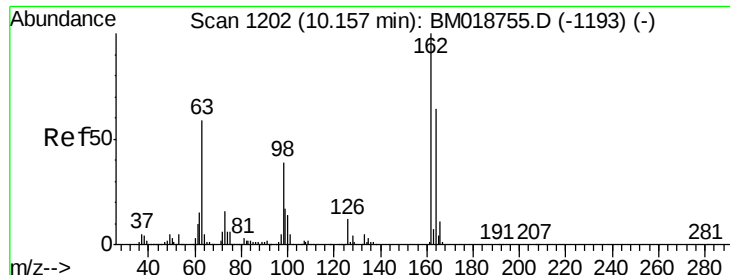


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

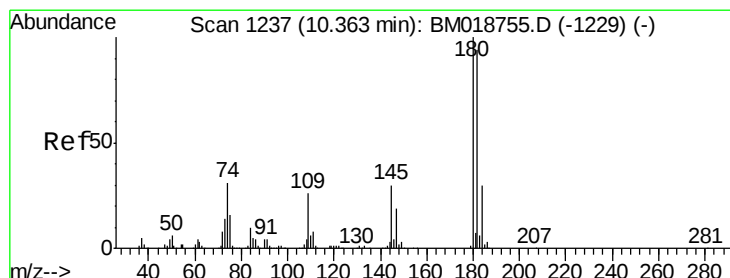
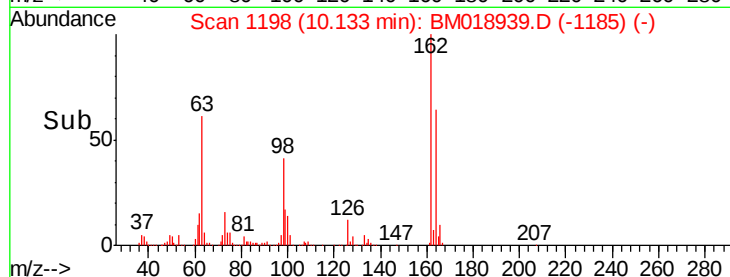
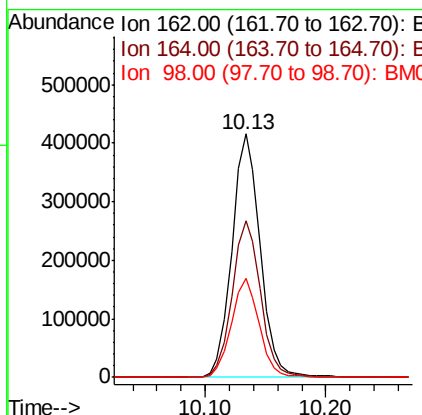
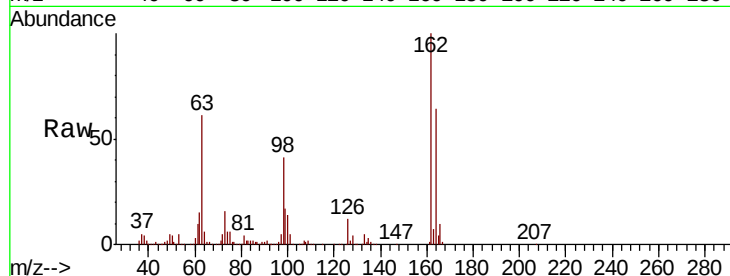




#29
2,4-Dichlorophenol
Concen: 40.538 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

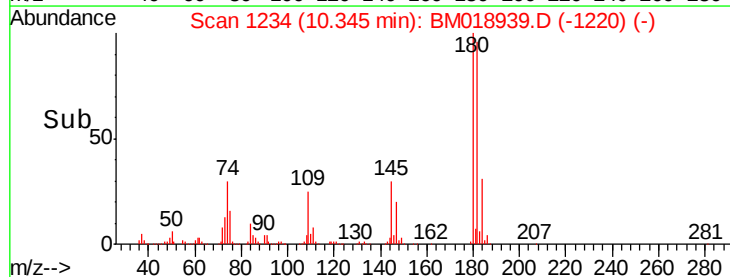
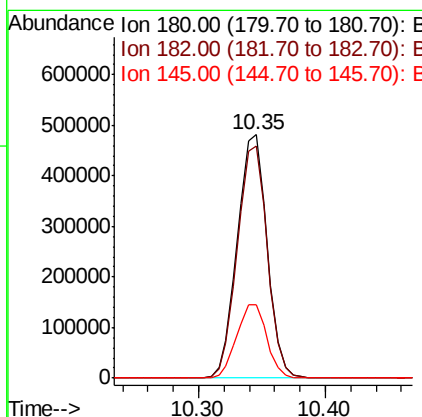
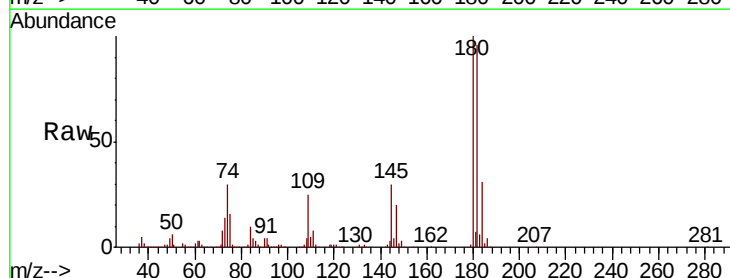
Instrument :
BNA_M
ClientSampleId :
WV-EMS

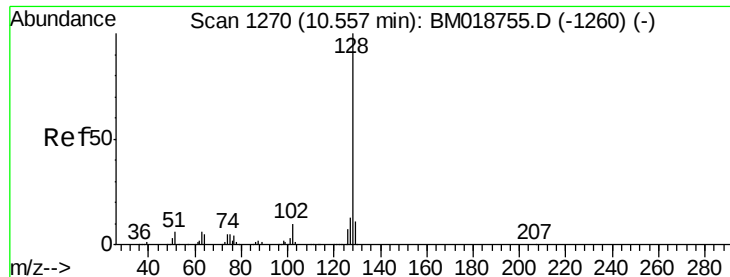
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.1	84.1
98	40.6	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 40.764 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	30.1	24.1	36.1

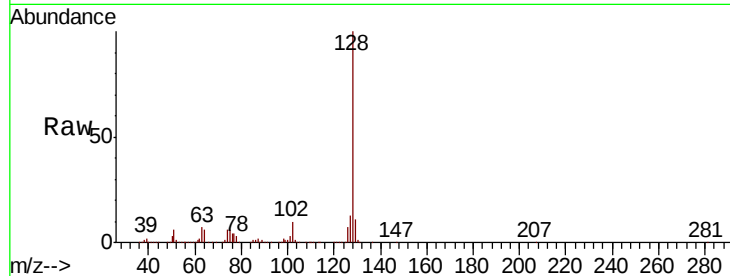




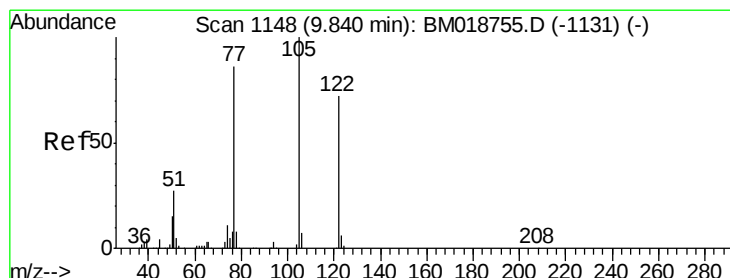
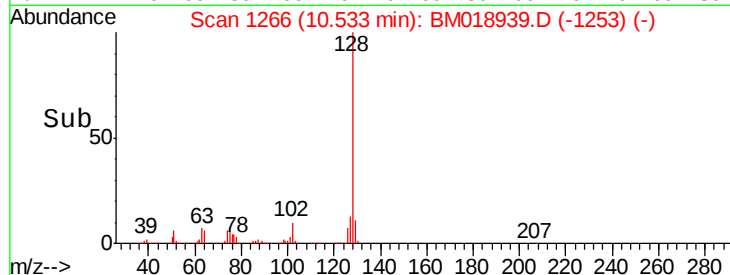
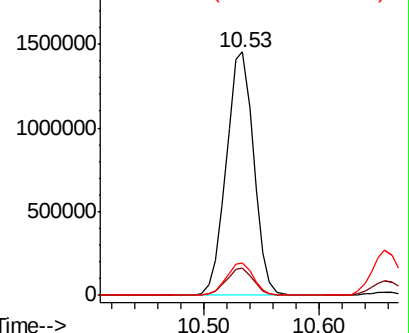
#31
Naphthalene
Concen: 44.143 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:128 Resp: 2397064
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.7 16.1

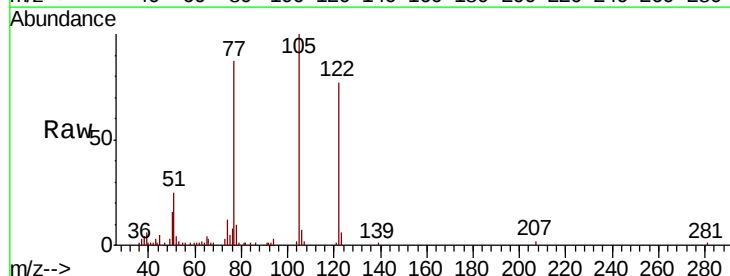


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

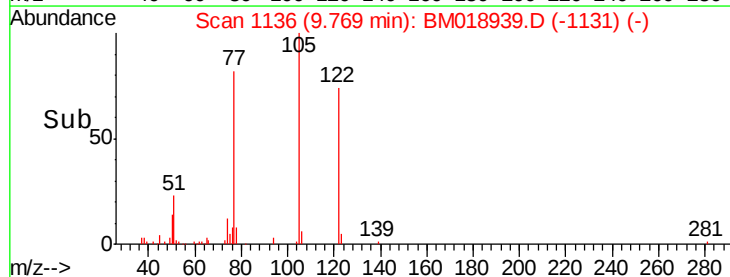
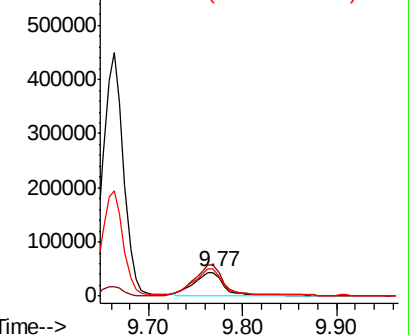


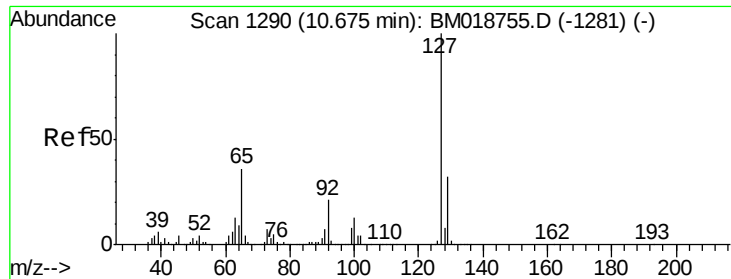
#32
Benzoic acid
Concen: 7.549 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.07 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:122 Resp: 95730
Ion Ratio Lower Upper
122 100
105 129.1 117.5 157.5
77 112.0 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

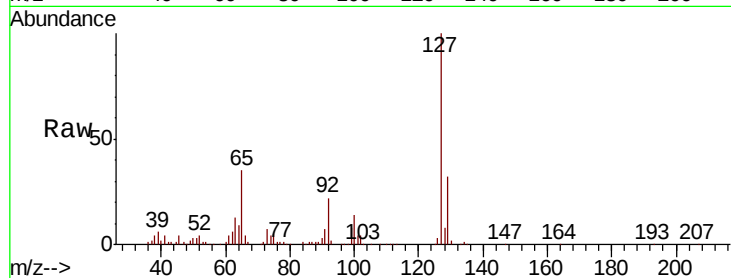




#33
4-Chloroaniline
Concen: 19.749 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:	127	Resp:	479378
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	35.3	28.7	43.1
92	21.8	17.0	25.4



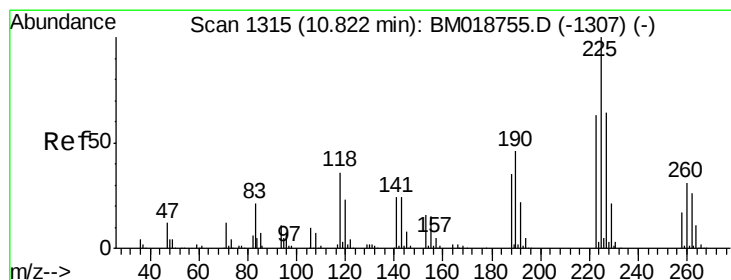
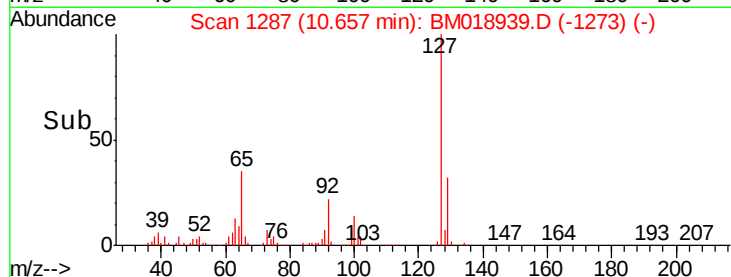
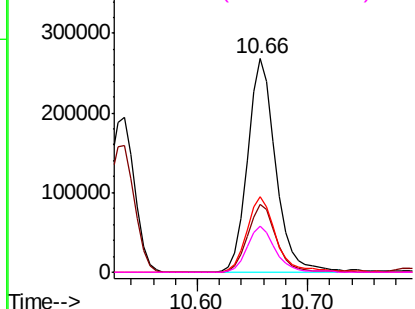
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

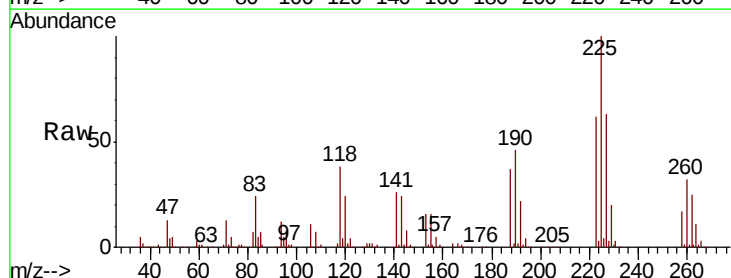
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 39.602 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:	225	Resp:	443143
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.1	75.1
227	62.9	51.4	77.0

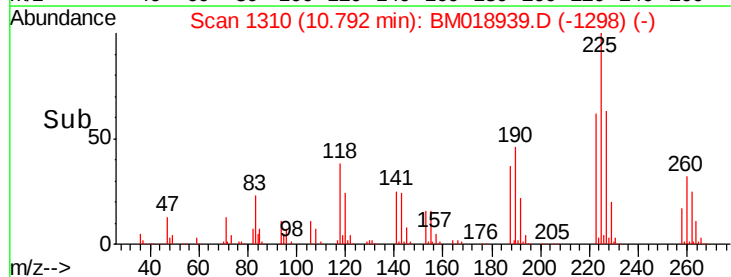
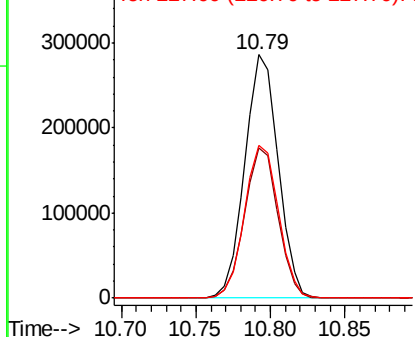


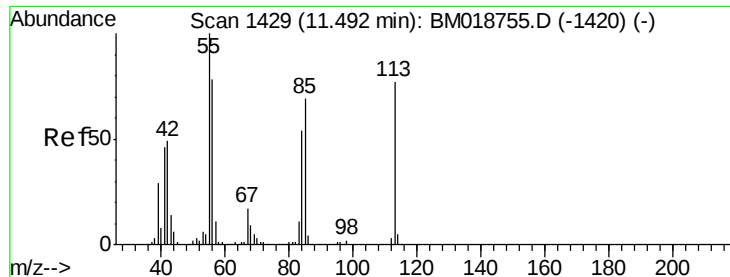
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

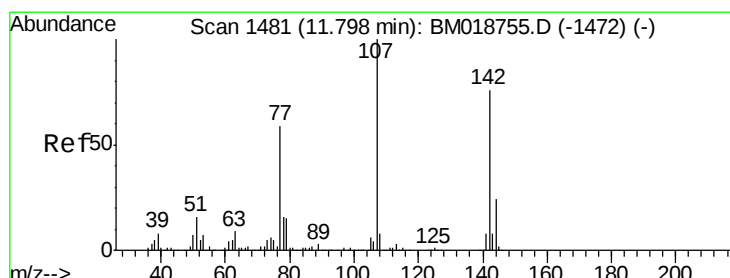
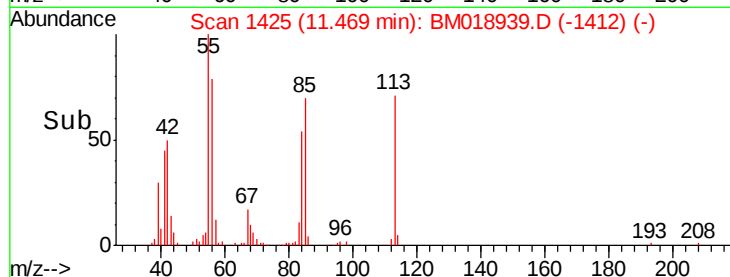
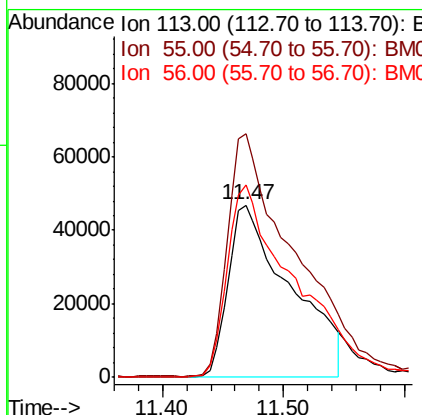
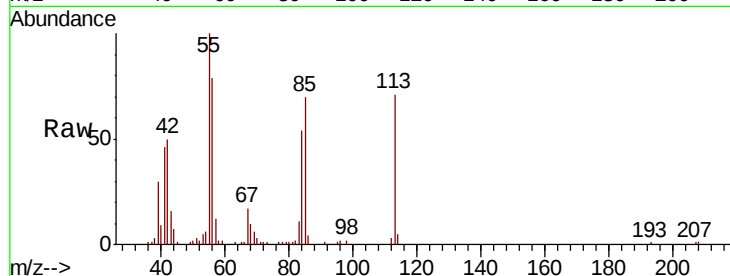




#35
 Caprolactam
 Concen: 24.625 ng
 RT: 11.47 min Scan# 1425
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

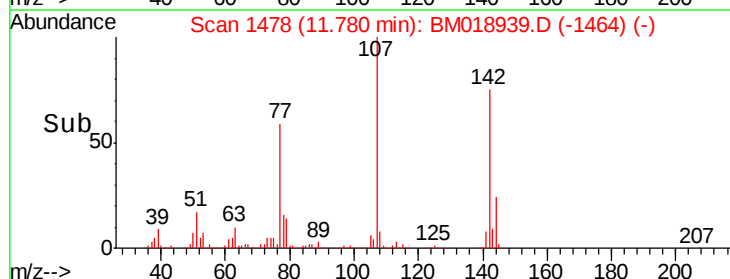
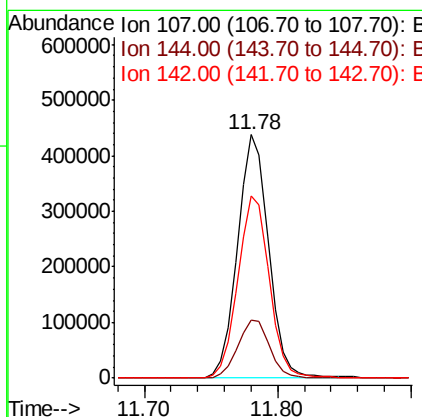
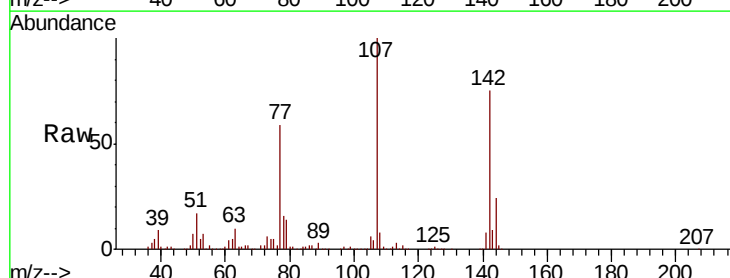
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

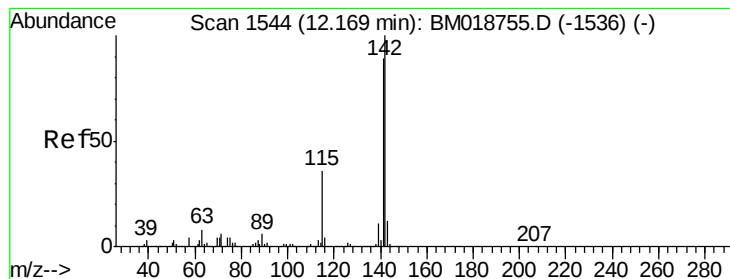
Tgt Ion:113 Resp: 167767
 Ion Ratio Lower Upper
 113 100
 55 141.3 110.7 150.7
 56 111.4 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 35.009 ng
 RT: 11.78 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:107 Resp: 704614
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 41.659 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

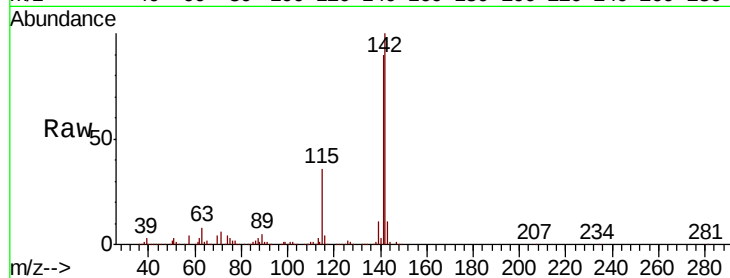
Tgt Ion:142 Resp: 1592712

Ion Ratio Lower Upper

142 100

141 90.5 71.2 106.8

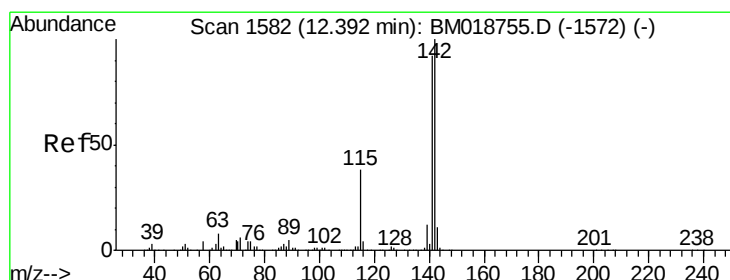
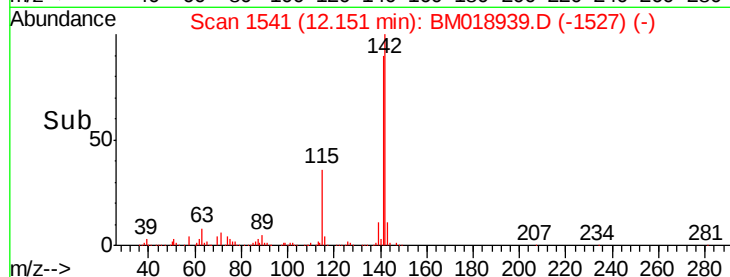
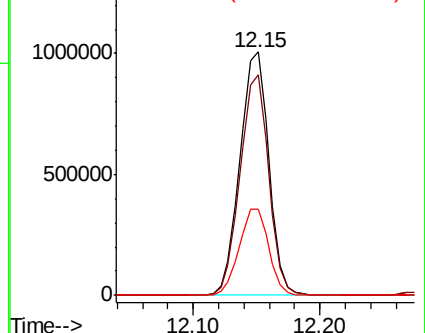
115 35.6 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.850 ng

RT: 12.37 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

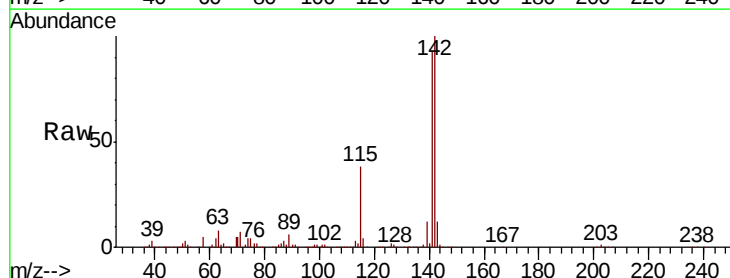
Tgt Ion:142 Resp: 1489821

Ion Ratio Lower Upper

142 100

141 92.9 73.9 110.9

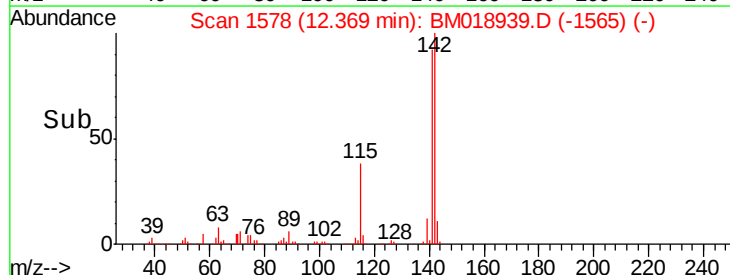
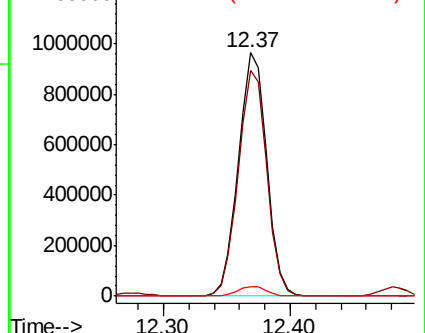
116 3.9 3.0 4.4

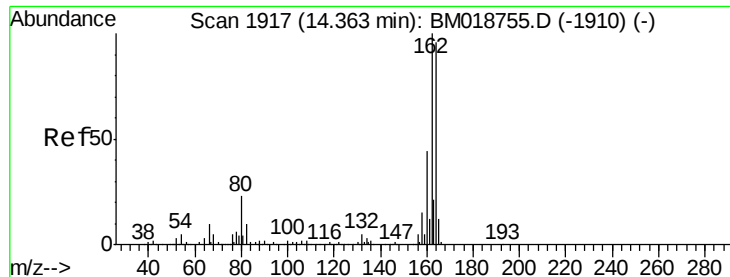


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

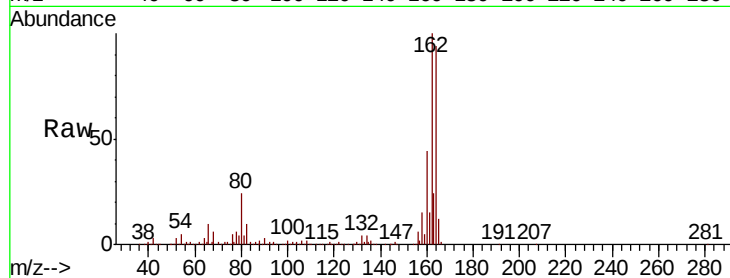
Tgt Ion:164 Resp: 503093

Ion Ratio Lower Upper

164 100

162 106.8 83.4 125.0

160 46.6 36.6 55.0

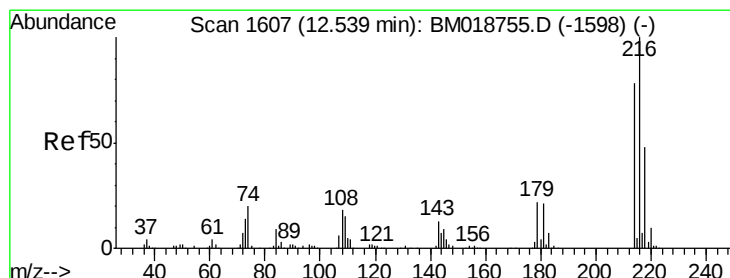
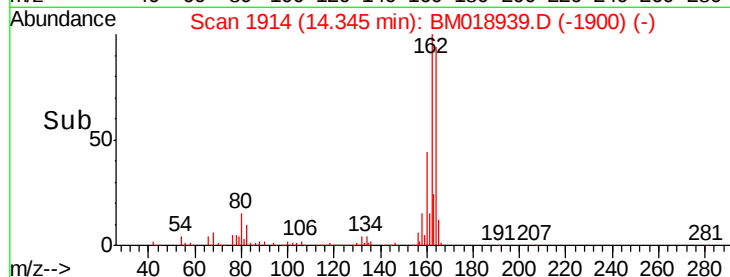
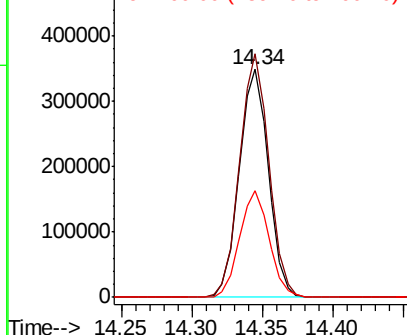


Abundance

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: 44.925 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Tgt Ion:216 Resp: 723003

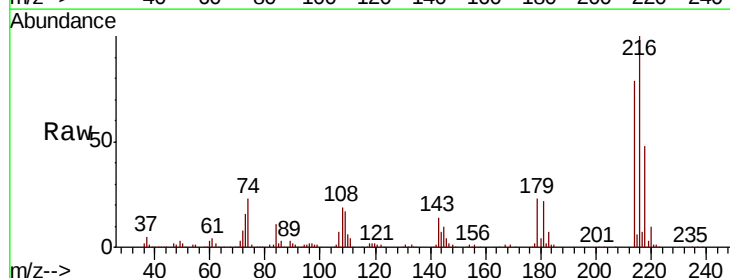
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.9 17.8 26.8

108 20.9 16.4 24.6



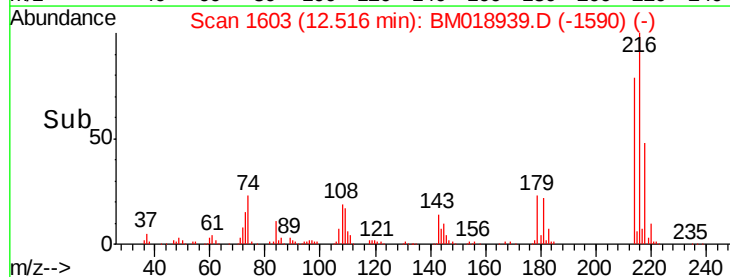
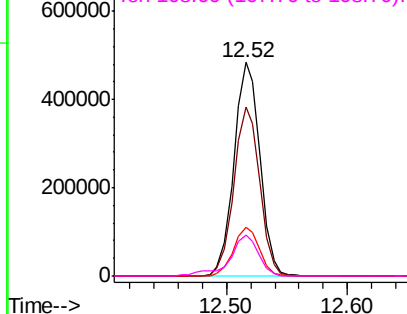
Abundance

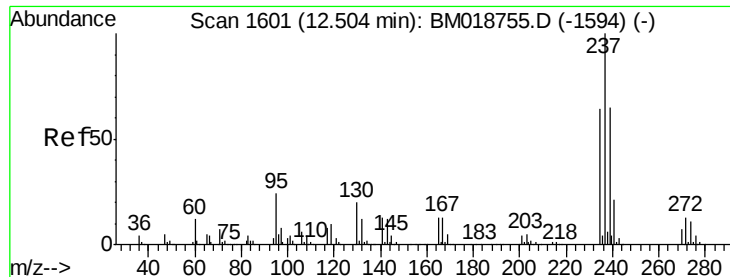
Ion 216.00 (215.70 to 216.70): E

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: 51.624 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

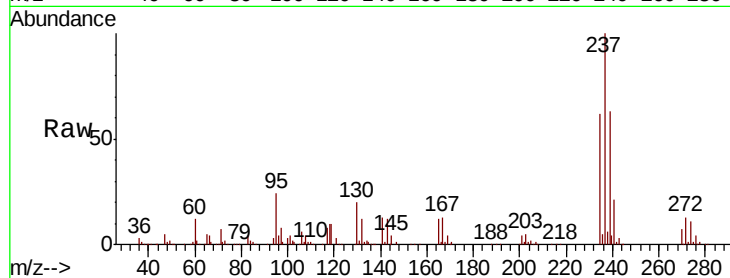
Tgt Ion: 237 Resp: 424772

Ion Ratio Lower Upper

237 100

235 61.9 43.7 83.7

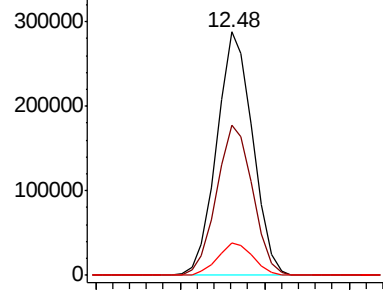
272 13.1 0.0 33.3



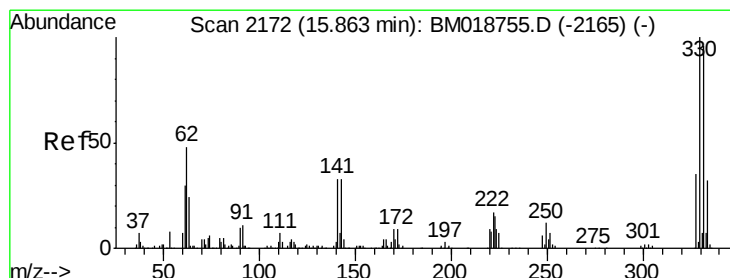
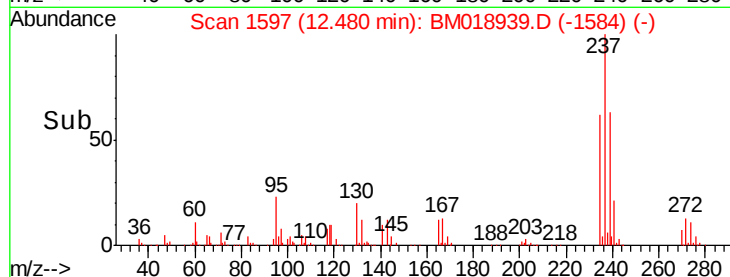
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 105.123 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

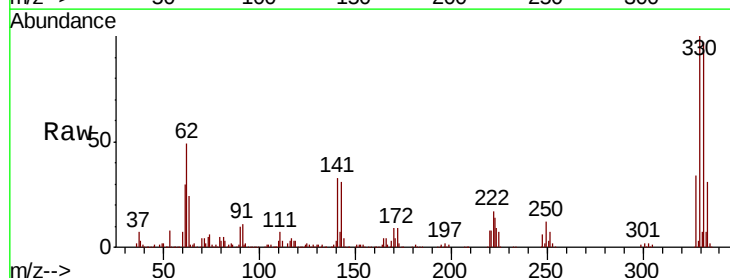
Tgt Ion: 330 Resp: 762345

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

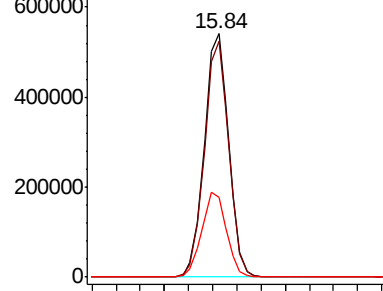
141 35.2 28.7 43.1



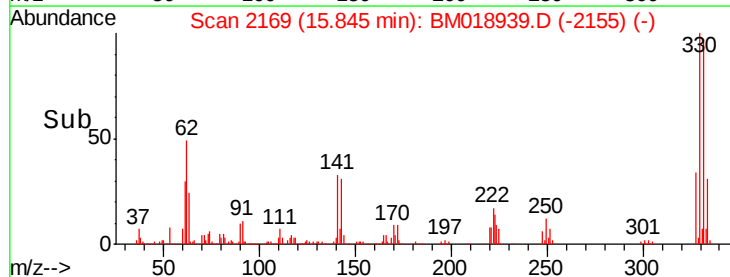
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

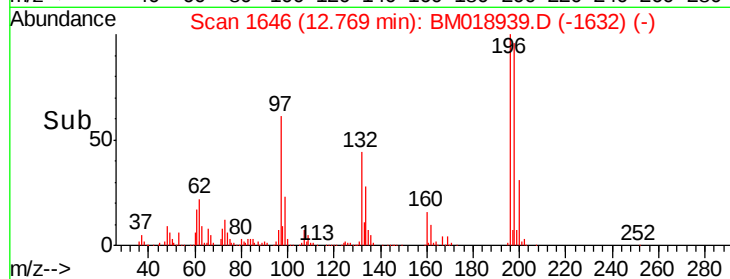
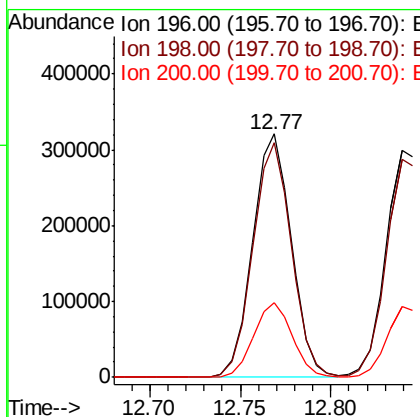
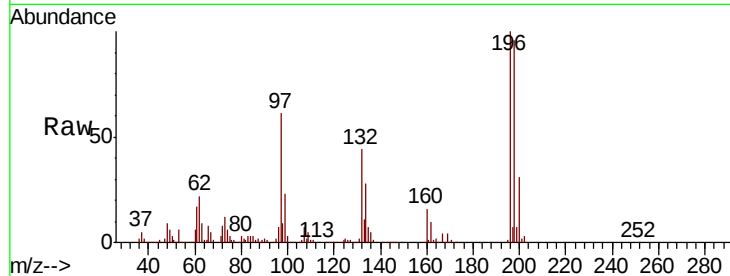




#43
 2,4,6-Trichlorophenol
 Concen: 44.717 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

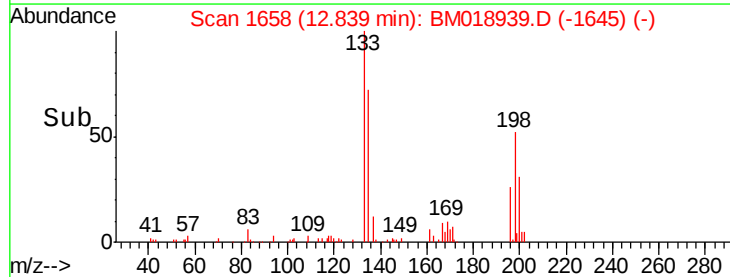
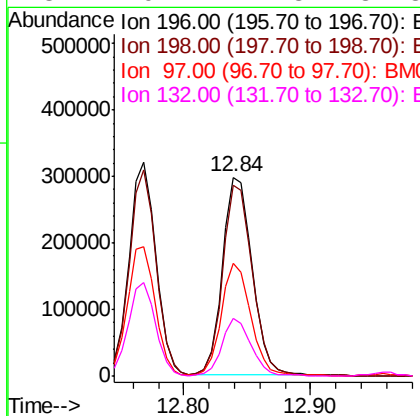
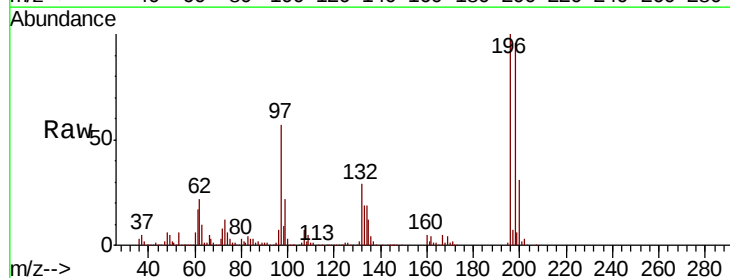
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

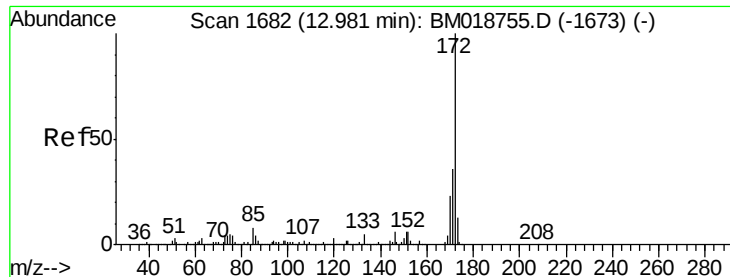
Tgt Ion:196 Resp: 476405
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.2
 200 30.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.284 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:196 Resp: 483337
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.6 116.4
 97 56.8 42.8 64.2
 132 29.1 21.8 32.8

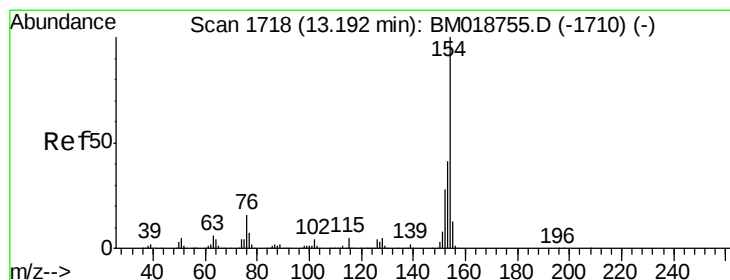
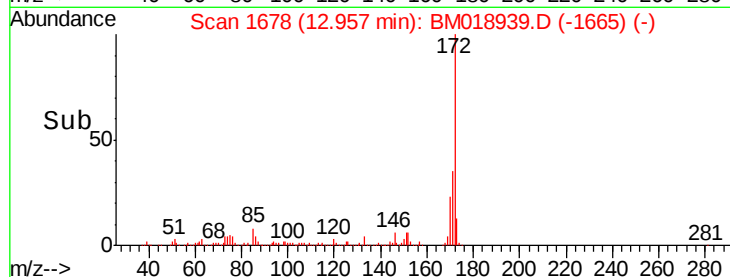
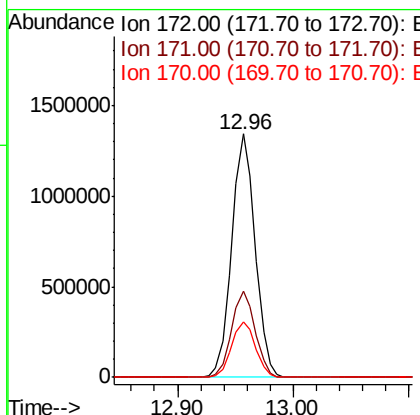
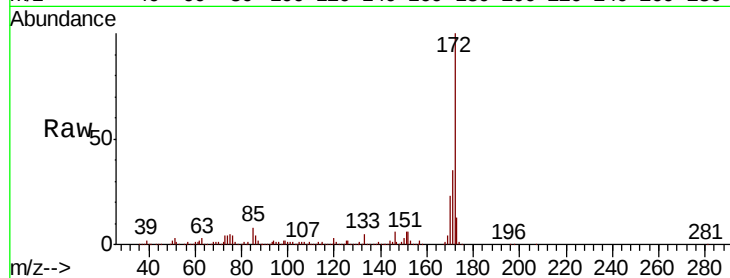




#45
 2-Fluorobiphenyl
 Concen: 49.642 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

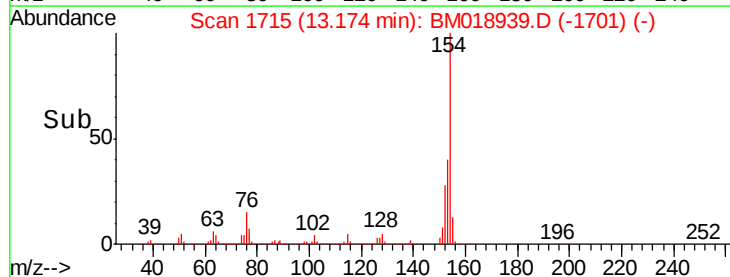
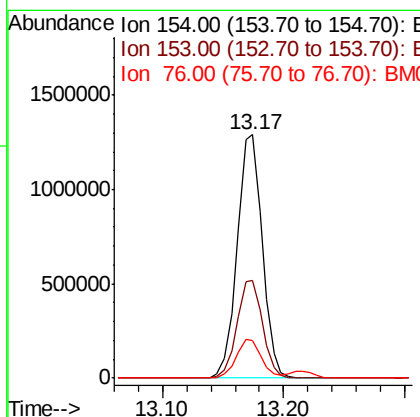
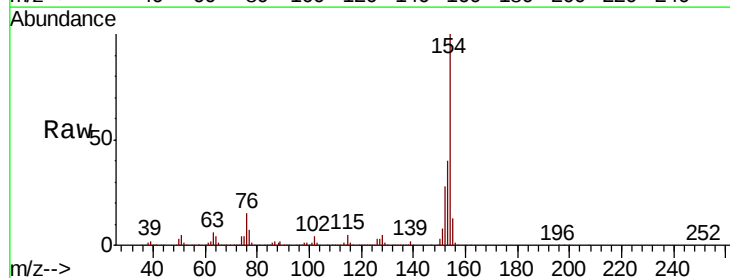
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

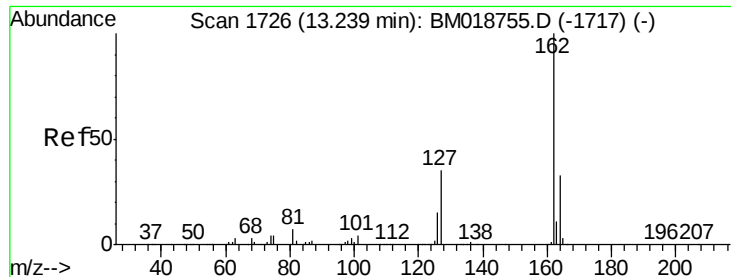
Tgt Ion:172 Resp: 1881362
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.0 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 43.316 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:154 Resp: 1875829
 Ion Ratio Lower Upper
 154 100
 153 40.1 21.1 61.1
 76 15.4 0.0 35.7





#47

2-Chloronaphthalene

Concen: 43.439 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

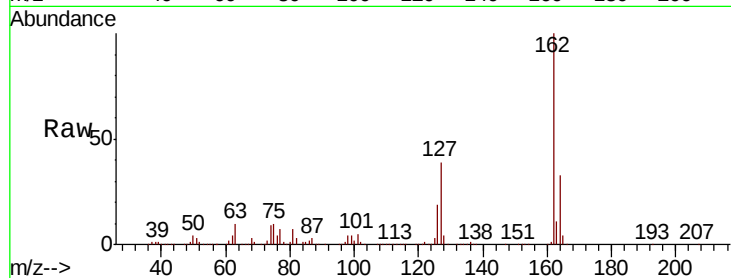
Tgt Ion: 162 Resp: 1452960

Ion Ratio Lower Upper

162 100

127 39.2 31.1 46.7

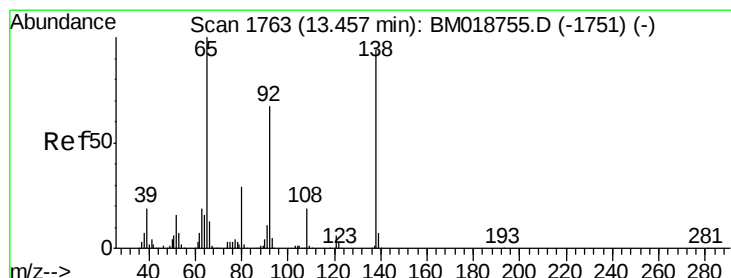
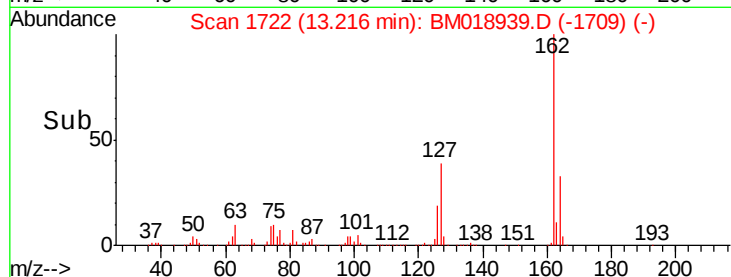
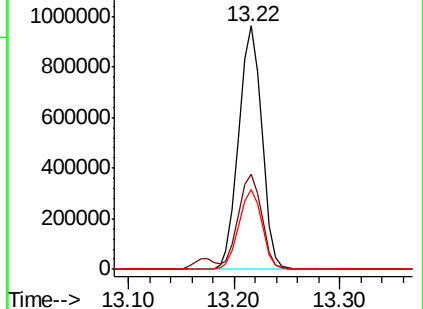
164 32.6 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.696 ng

RT: 13.44 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

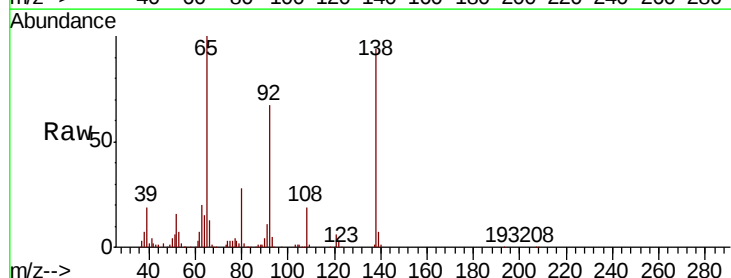
Tgt Ion: 65 Resp: 474306

Ion Ratio Lower Upper

65 100

92 67.4 54.0 81.0

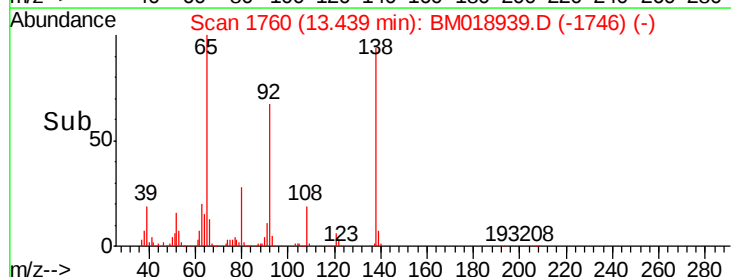
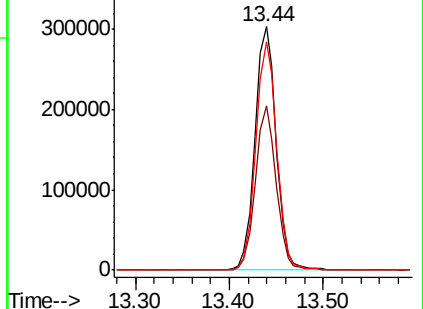
138 93.5 74.9 112.3

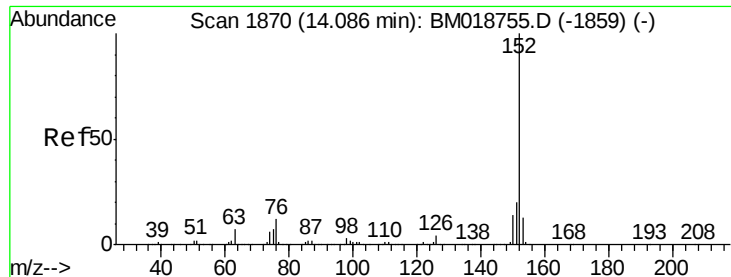


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.831 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

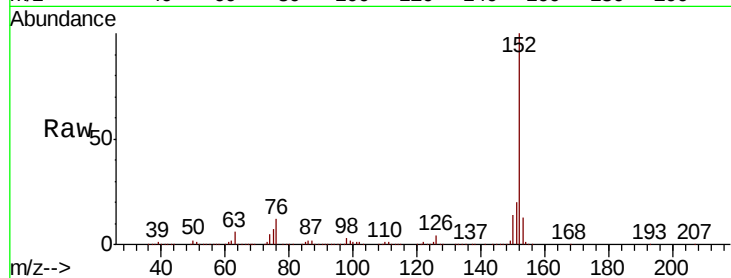
Tgt Ion:152 Resp: 2232824

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

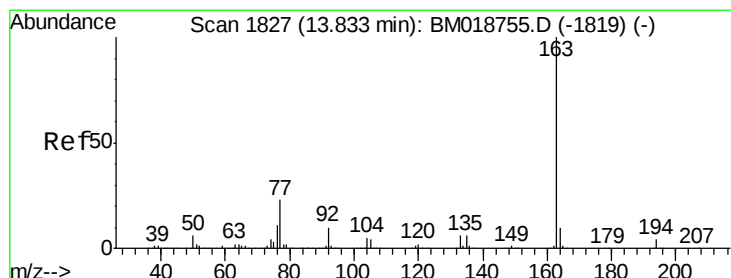
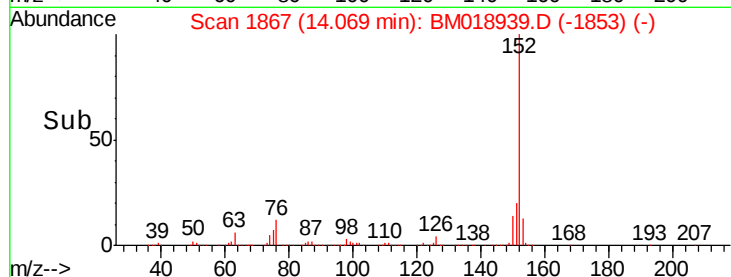
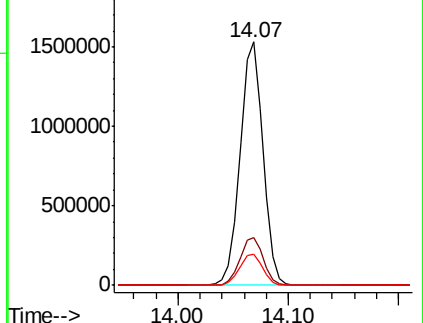
153 12.6 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.932 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

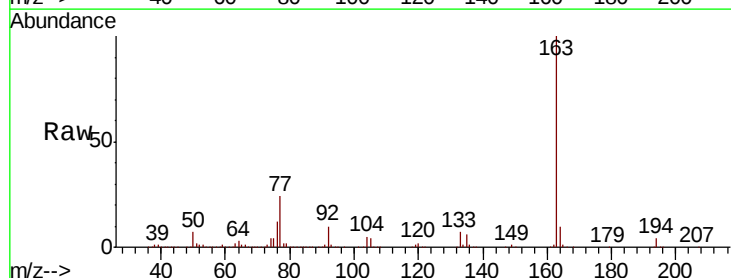
Tgt Ion:163 Resp: 1841985

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

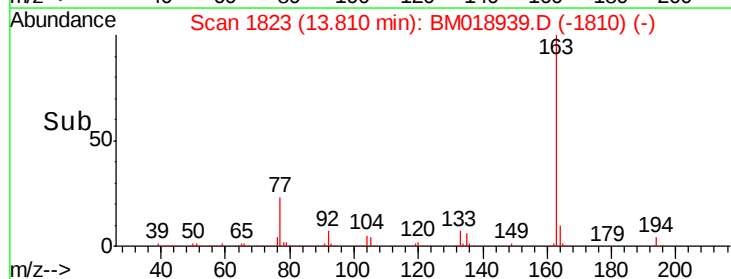
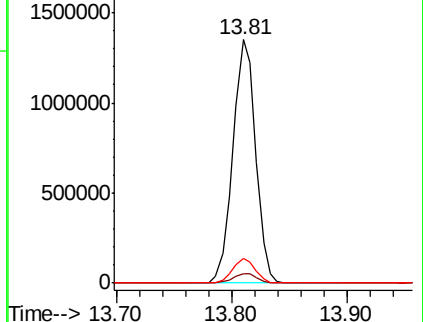
164 10.4 7.8 11.8

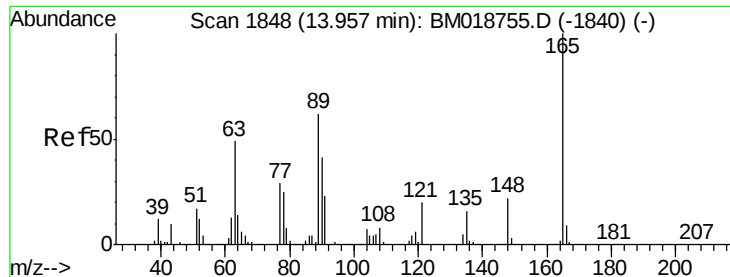


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

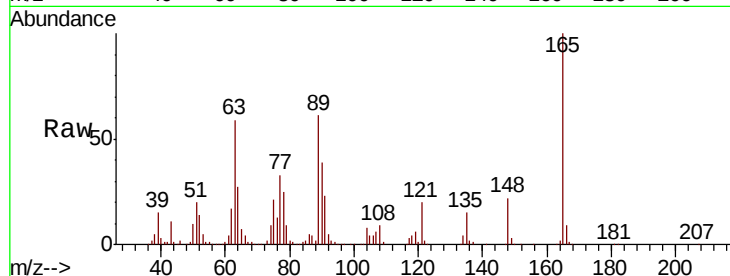




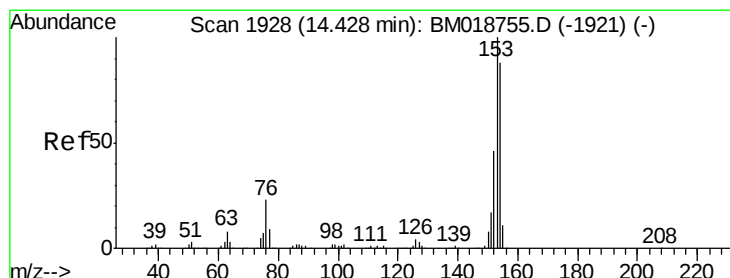
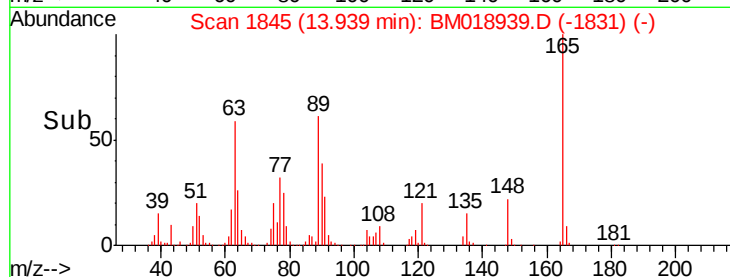
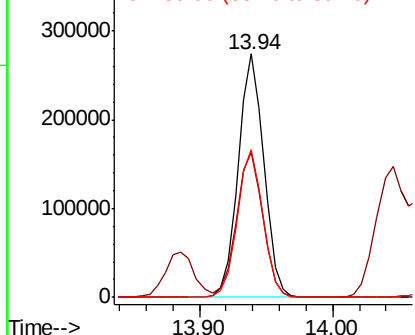
#51
2,6-Dinitrotoluene
Concen: 39.890 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:165 Resp: 362303
Ion Ratio Lower Upper
165 100
63 59.4 48.9 73.3
89 60.6 49.4 74.0

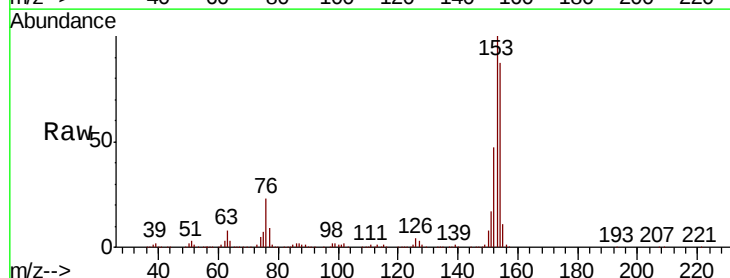


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

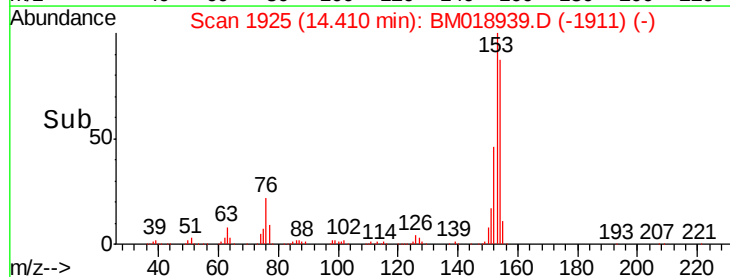
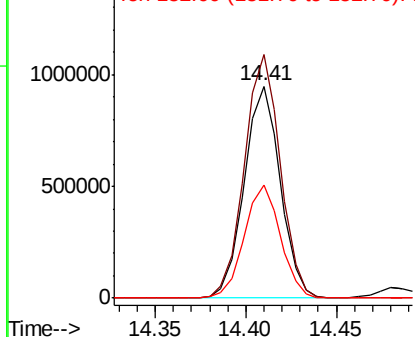


#52
Acenaphthene
Concen: 42.827 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:154 Resp: 1307909
Ion Ratio Lower Upper
154 100
153 115.1 91.3 136.9
152 53.5 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

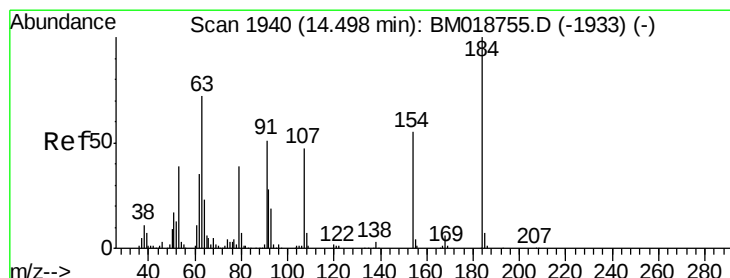
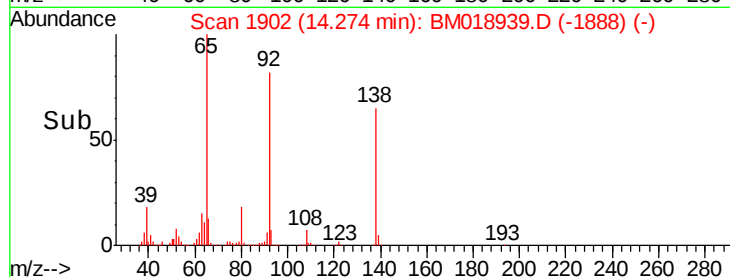
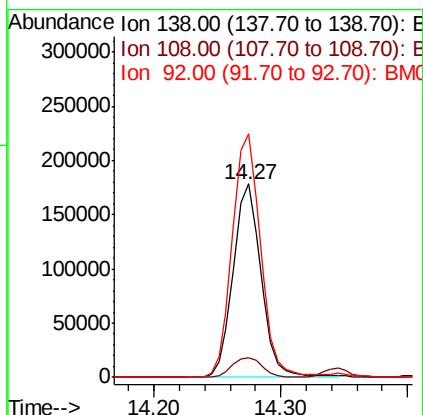
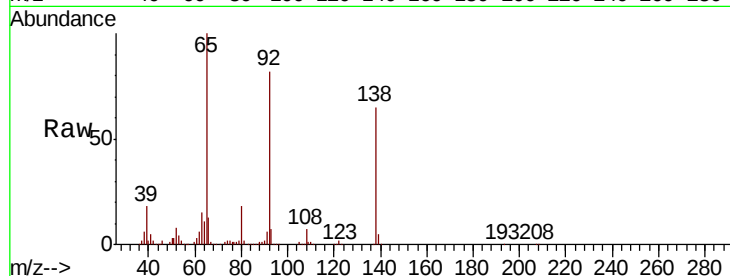




#53
3-Nitroaniline
Concen: 26.488 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

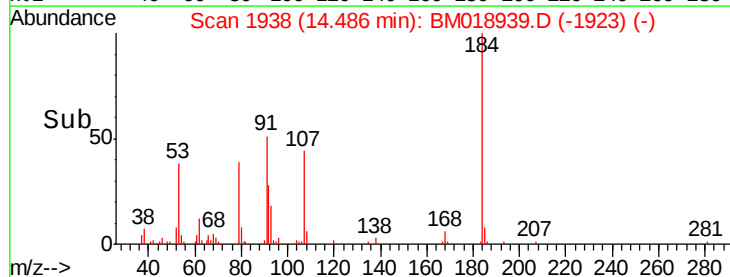
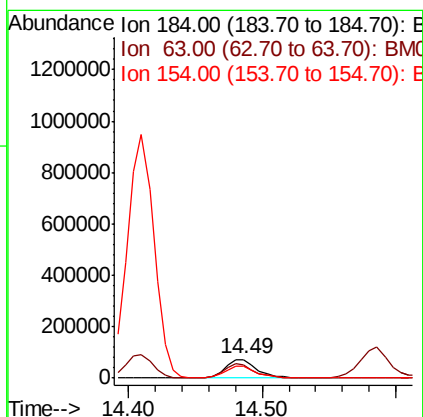
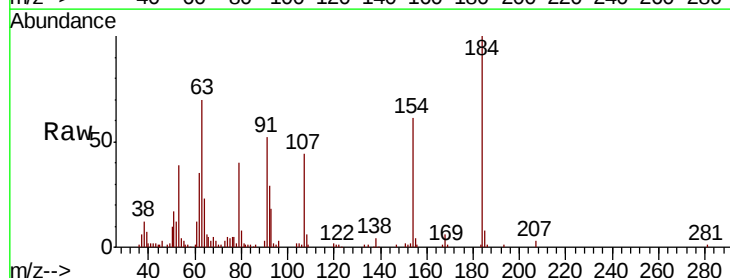
Instrument :
BNA_M
ClientSampleId :
WV-EMS

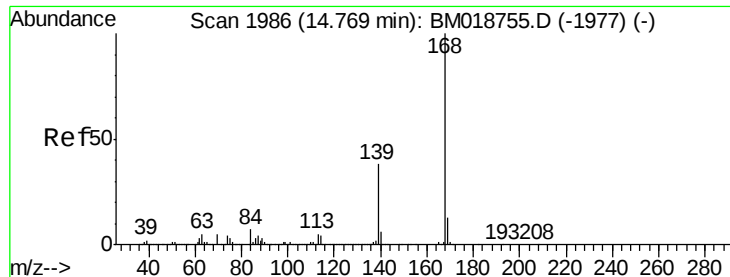
Tgt Ion:138 Resp: 271825
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 126.1 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 24.820 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:184 Resp: 118357
Ion Ratio Lower Upper
184 100
63 69.6 58.0 87.0
154 61.0 50.3 75.5





#55

Dibenzofuran

Concen: 40.039 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

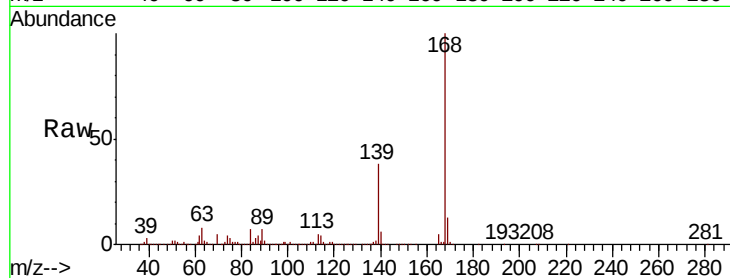
Tgt Ion:168 Resp: 2009817

Ion Ratio Lower Upper

168 100

139 38.4 30.7 46.1

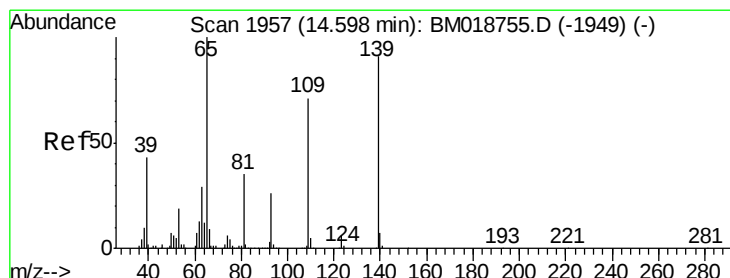
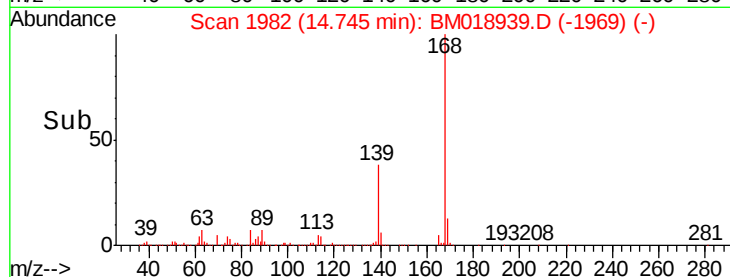
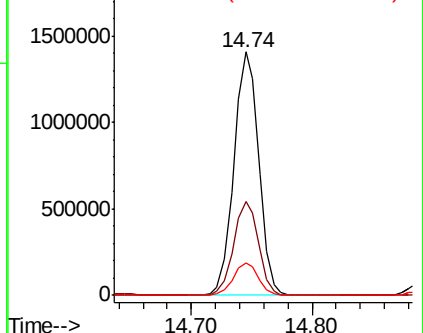
169 13.3 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.834 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

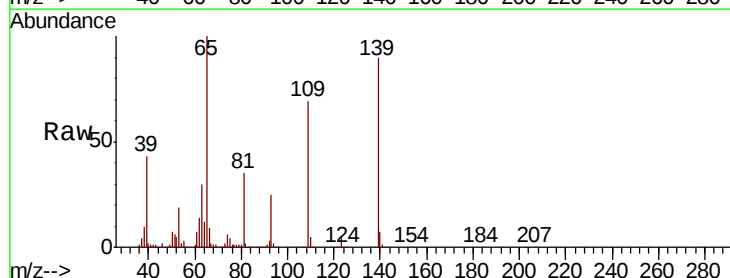
Tgt Ion:139 Resp: 572085

Ion Ratio Lower Upper

139 100

109 77.6 58.4 98.4

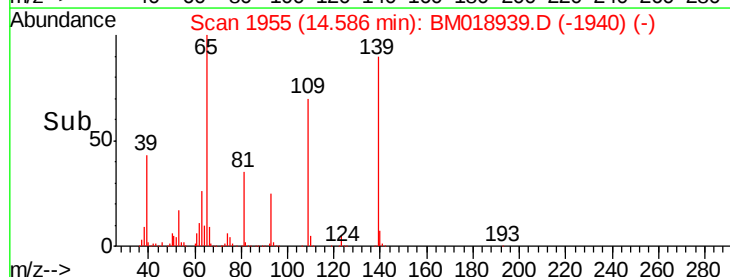
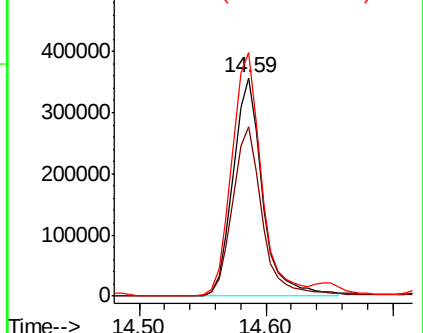
65 111.7 89.8 129.8

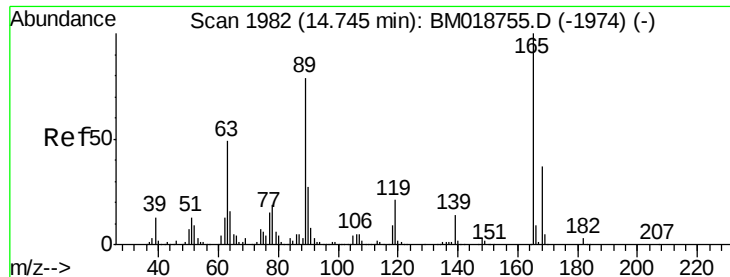


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

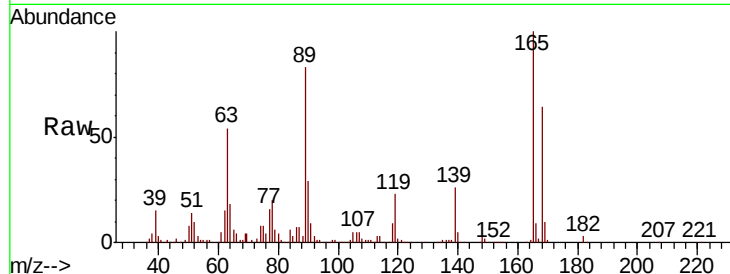




#57
 2,4-Dinitrotoluene
 Concen: 37.582 ng
 RT: 14.73 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Instrument :
 BNA_M
 ClientSampled :
 WV-EMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.8	39.6	59.4
89	83.4	63.5	95.3
182	3.0	2.2	3.4



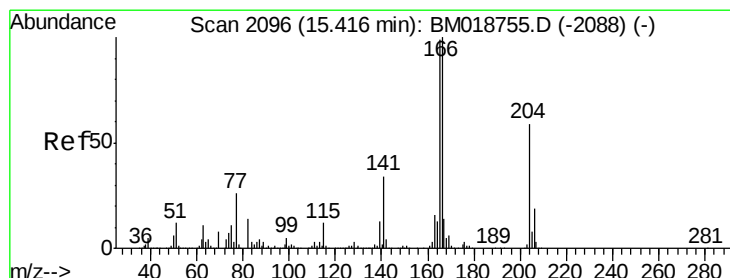
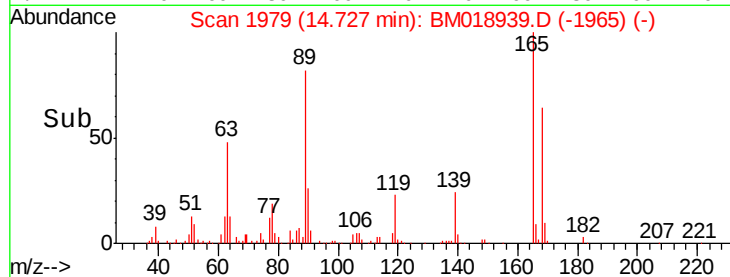
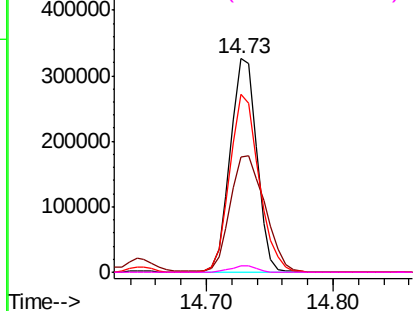
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

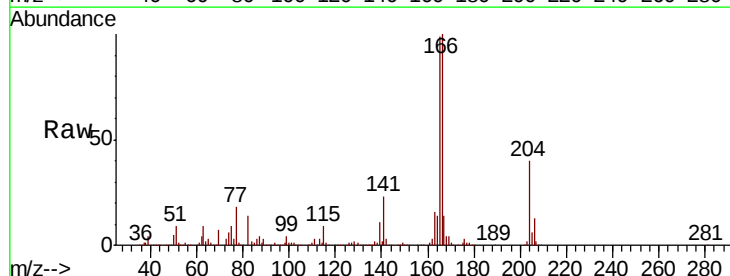
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.598 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.1	118.7
167	13.6	11.0	16.4

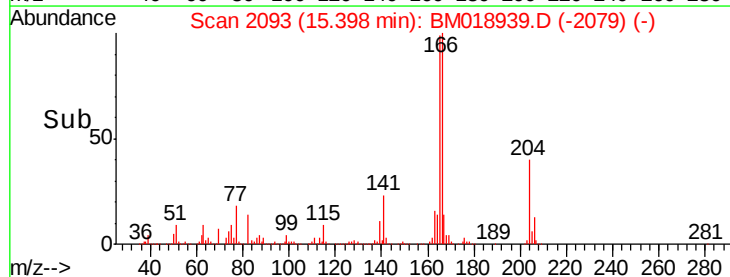
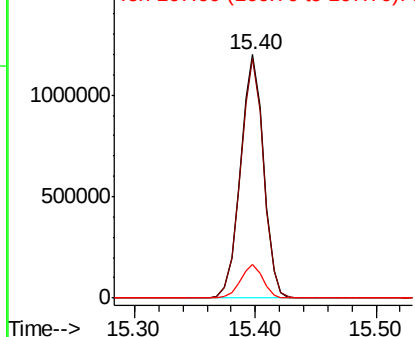


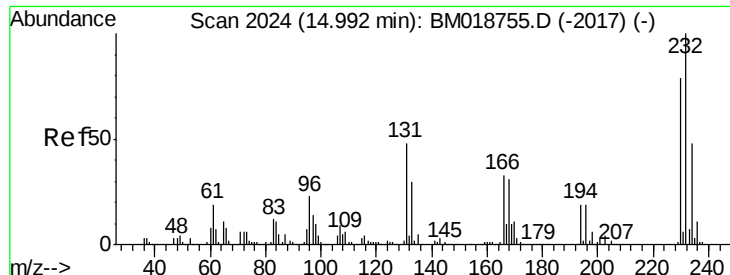
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

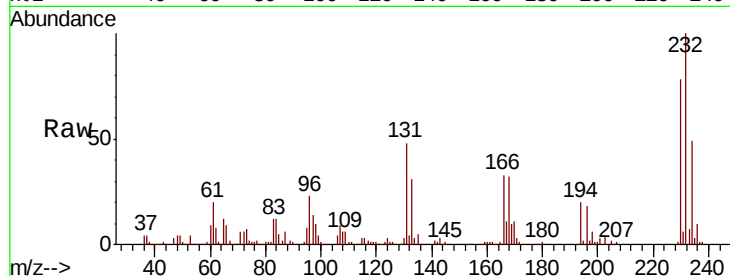




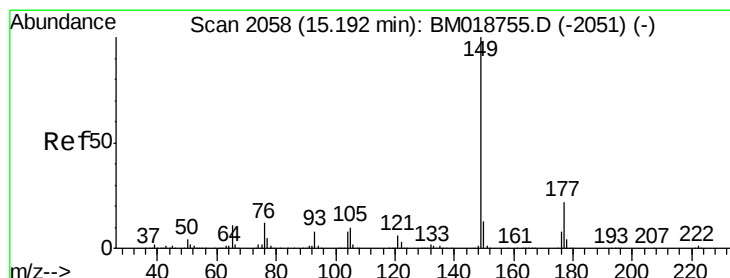
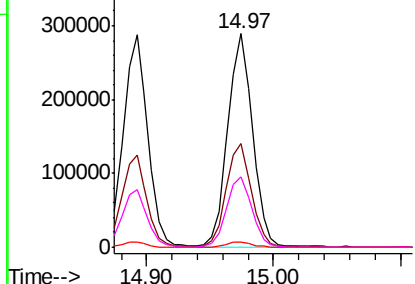
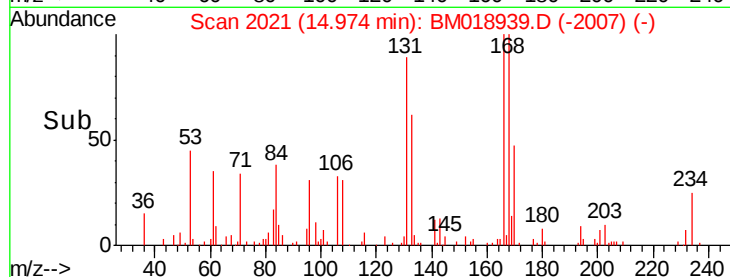
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.425 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:	232	Resp:	389135
Ion	Ratio	Lower	Upper
232	100		
131	48.7	38.6	57.8
130	2.6	2.0	3.0
166	33.9	26.9	40.3

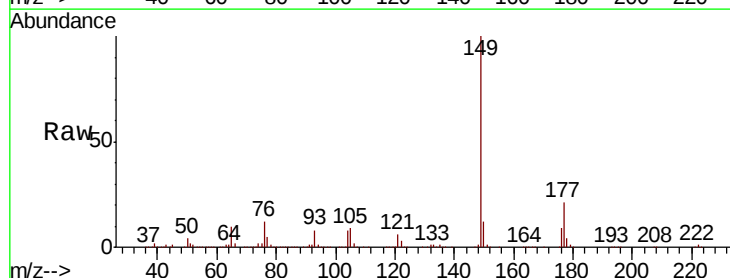


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

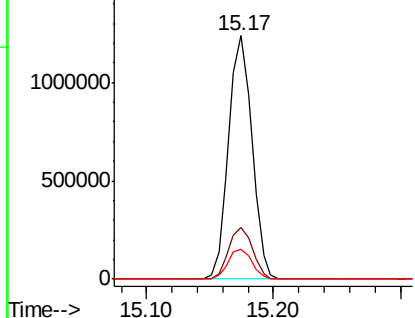
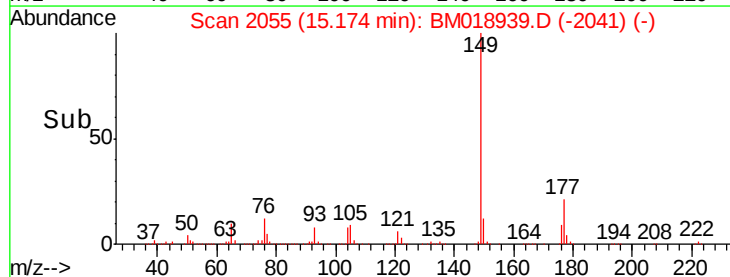


#60
Diethylphthalate
Concen: 36.591 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:	149	Resp:	1582575
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.4	10.2	15.2



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

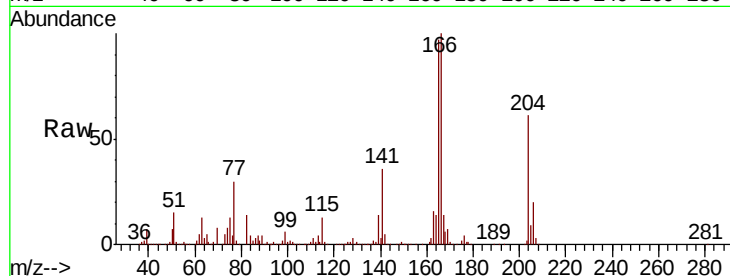




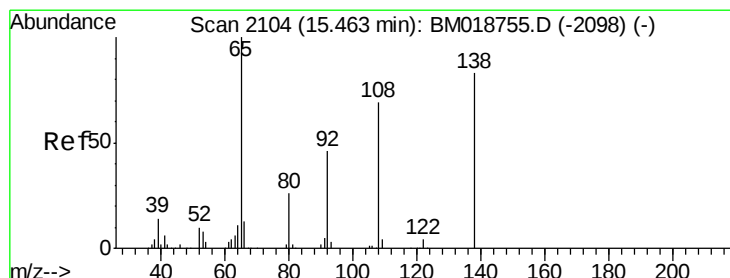
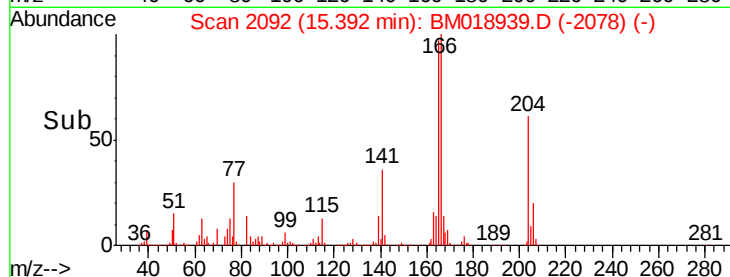
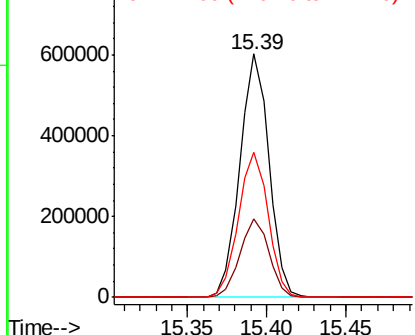
#61
4-Chlorophenyl-phenylether
Concen: 35.612 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion: 204 Resp: 766767
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 59.5 49.2 73.8

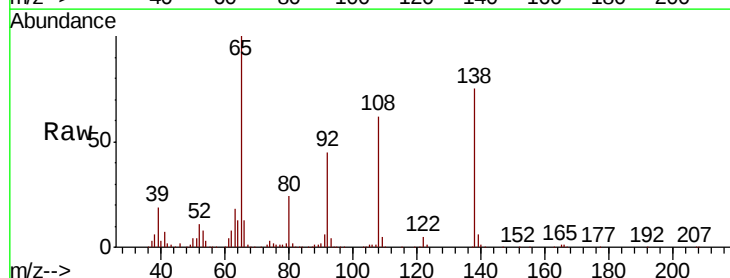


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

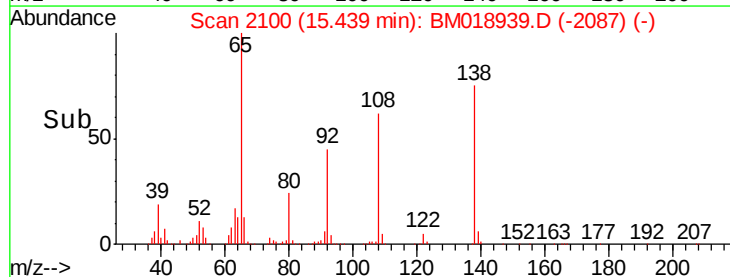
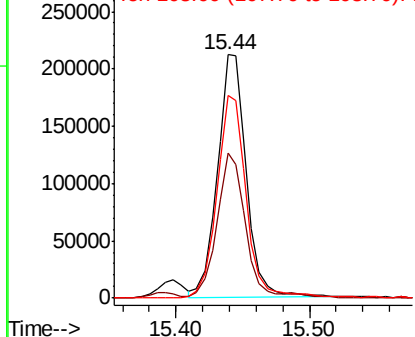


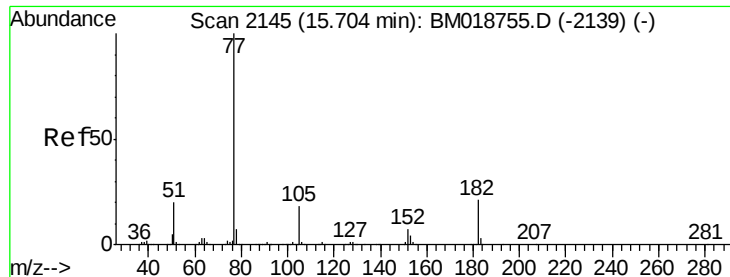
#62
4-Nitroaniline
Concen: 31.755 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion: 138 Resp: 319476
Ion Ratio Lower Upper
138 100
92 59.8 35.5 75.5
108 83.3 62.4 102.4



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





#63

Azobenzene

Concen: 37.867 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

Tgt Ion: 77 Resp: 1756034

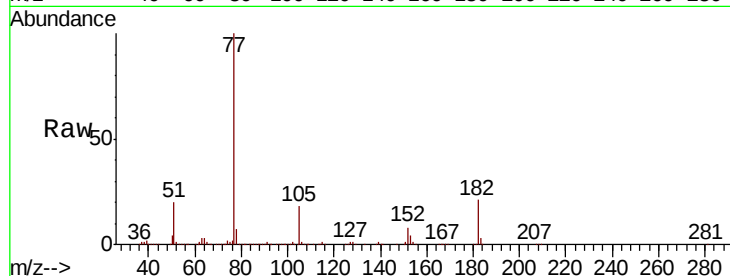
Ion Ratio Lower Upper

77 100

182 20.9 1.0 41.0

105 18.0 0.0 37.7

51 20.5 0.3 40.3

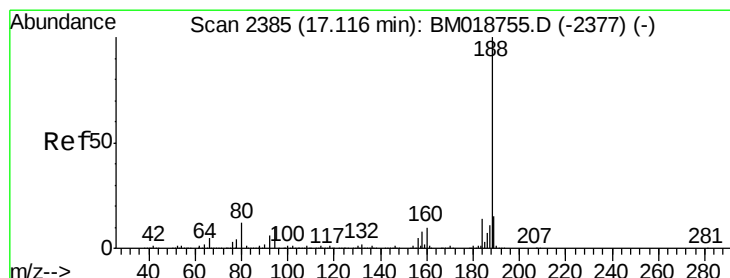
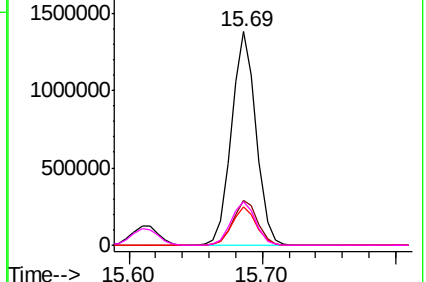
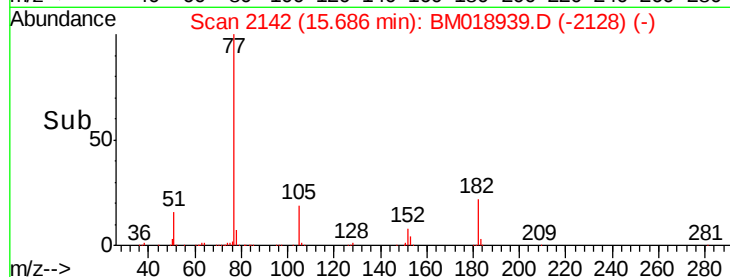


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

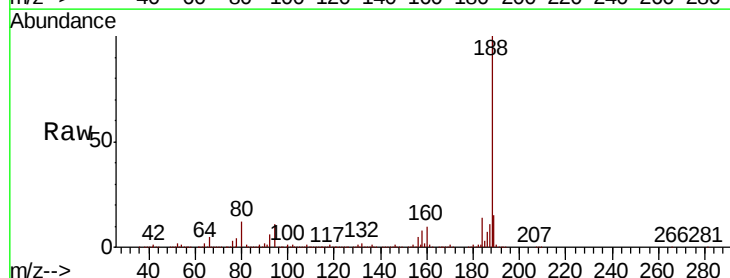
Tgt Ion: 188 Resp: 953714

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

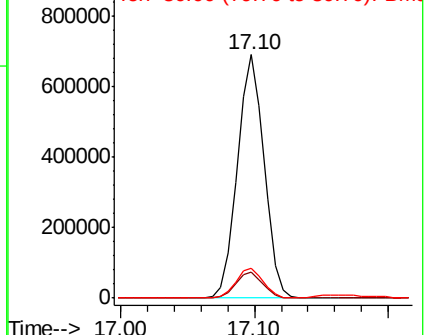
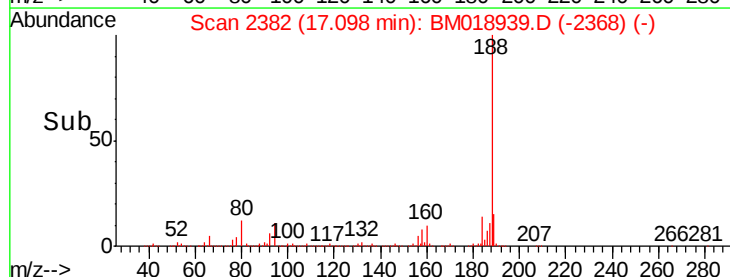
80 12.4 9.7 14.5

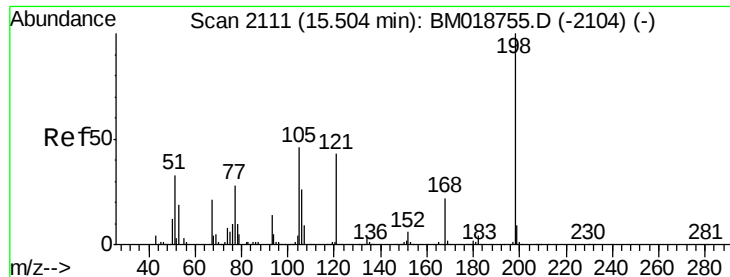


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

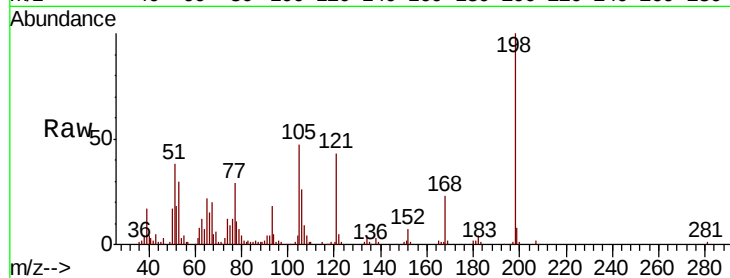




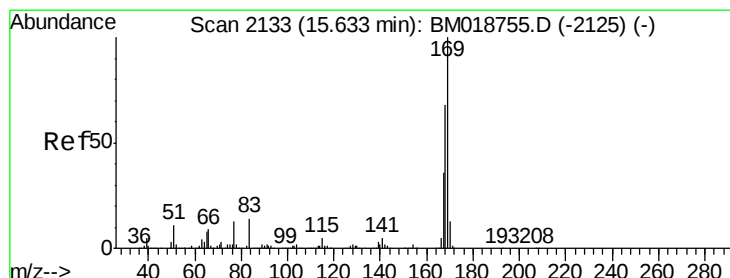
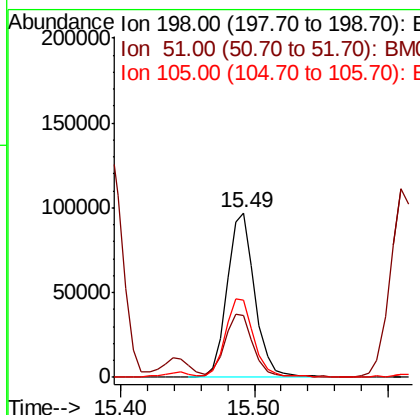
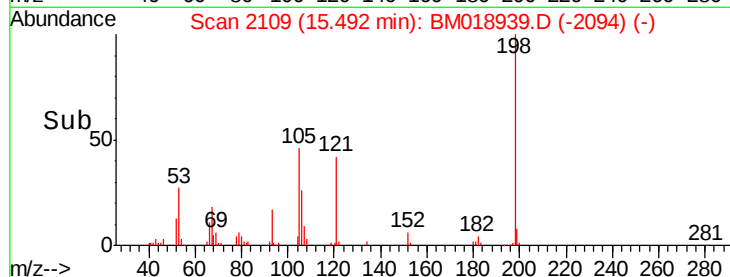
#65
 4,6-Dinitro-2-methylphenol
 Concen: 20.926 ng
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

Tgt Ion:198 Resp: 140124
 Ion Ratio Lower Upper
 198 100
 51 37.5 18.4 58.4
 105 46.9 27.2 67.2

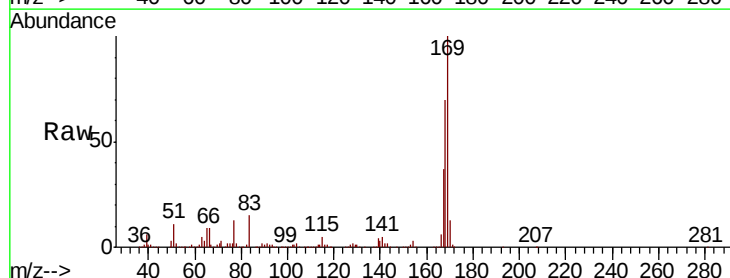


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

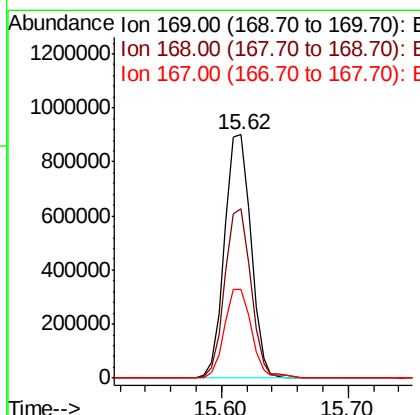
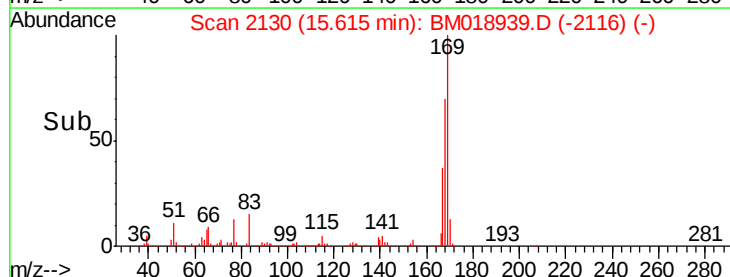


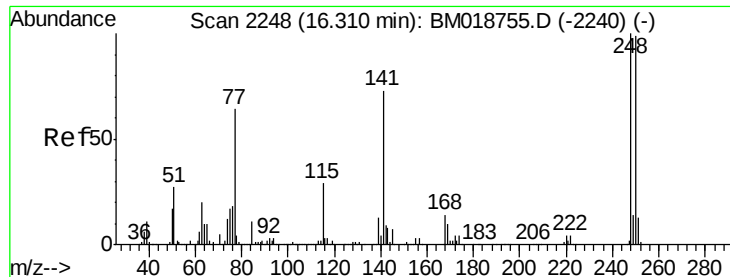
#66
 n-Nitrosodiphenylamine
 Concen: 42.967 ng
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:169 Resp: 1294669
 Ion Ratio Lower Upper
 169 100
 168 69.7 54.4 81.6
 167 36.6 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

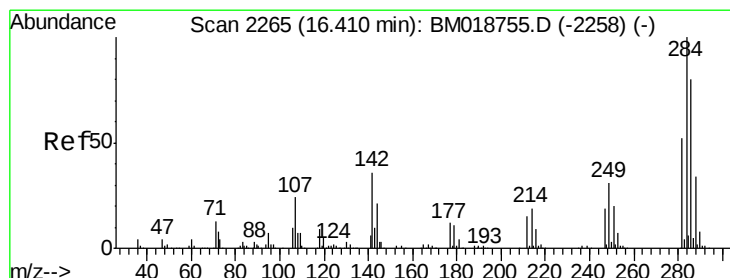
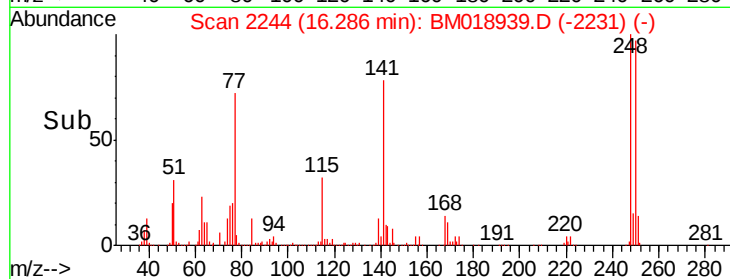
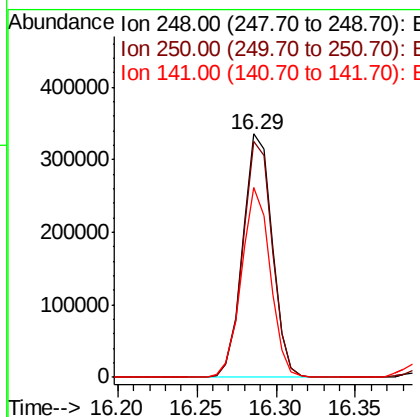
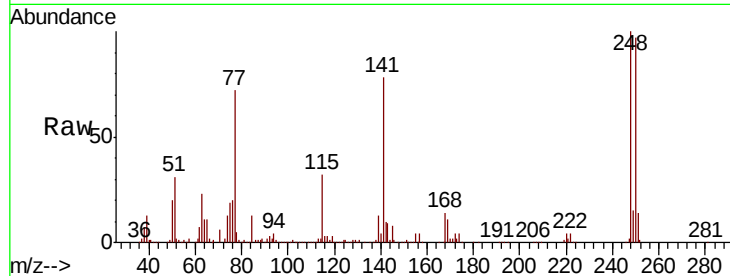




#67
4-Bromophenyl-phenylether
Concen: 40.489 ng
RT: 16.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

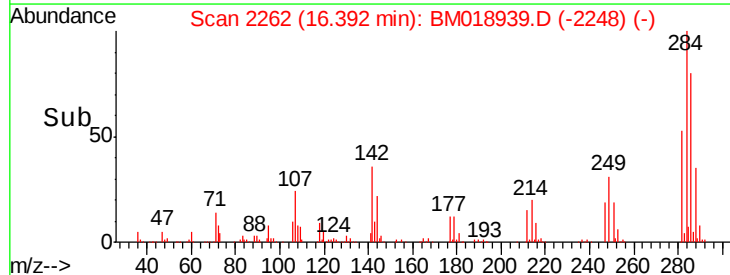
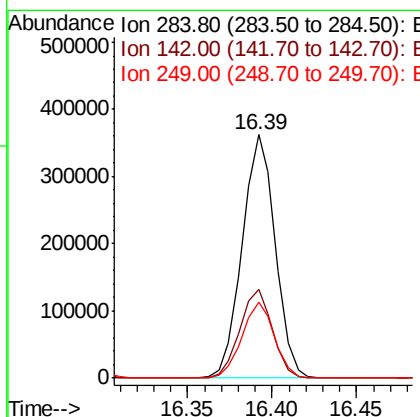
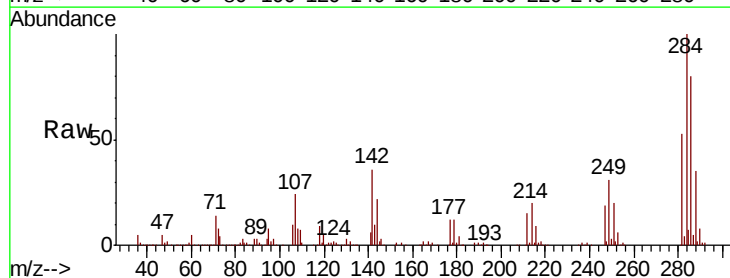
Instrument :
BNA_M
ClientSampleId :
WV-EMS

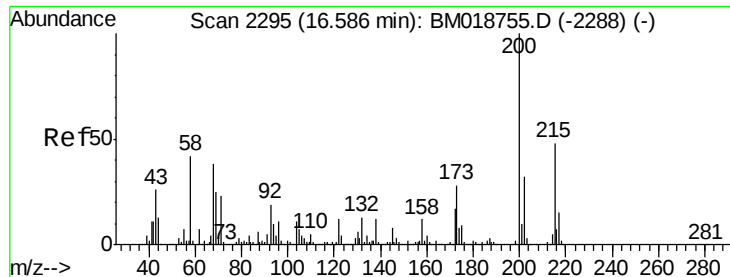
Tgt Ion:248 Resp: 432225
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.6
141 78.0 58.6 88.0



#68
Hexachlorobenzene
Concen: 39.710 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:284 Resp: 492728
Ion Ratio Lower Upper
284 100
142 36.5 28.9 43.3
249 31.2 24.8 37.2

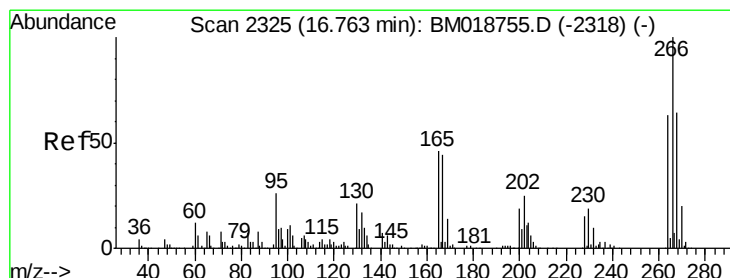
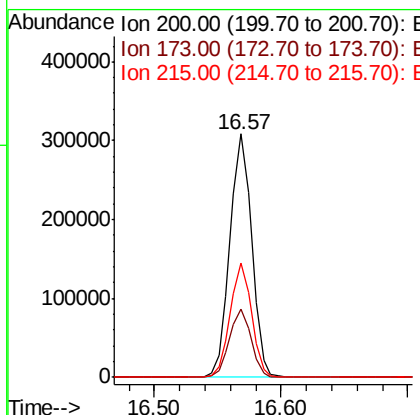
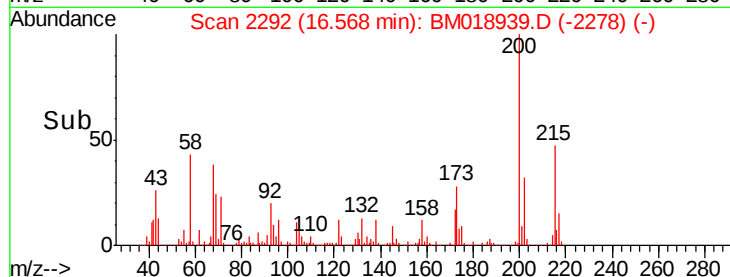
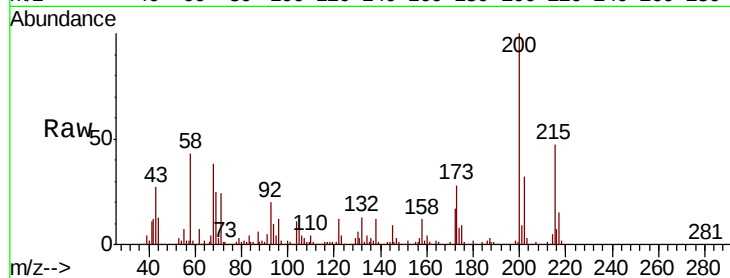




#69
Atrazine
Concen: 37.748 ng
RT: 16.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

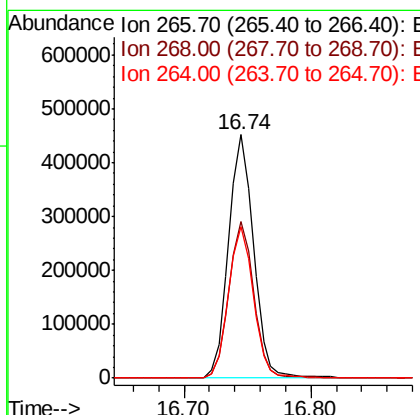
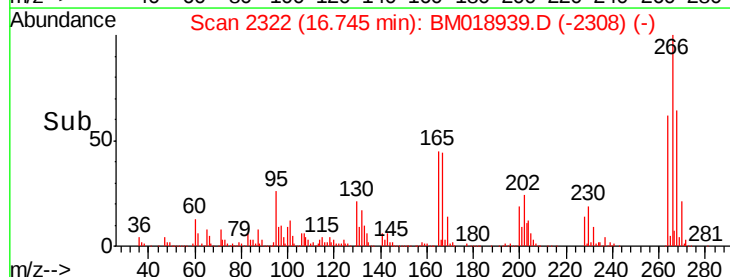
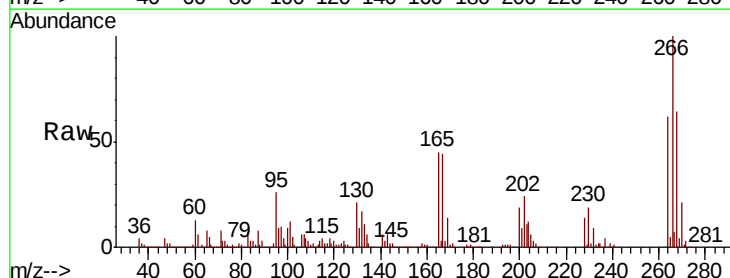
Instrument :
BNA_M
ClientSampleId :
WV-EMS

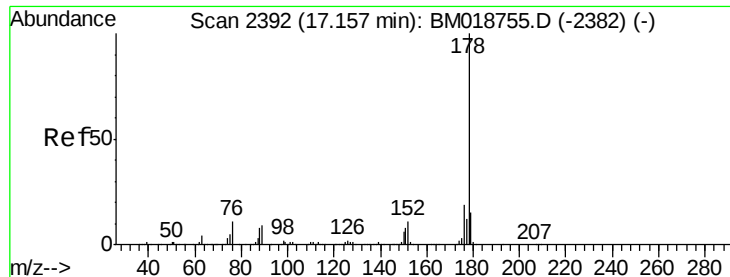
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	366685		
173	28.2	7.6	47.6	
215	47.2	27.6	67.6	



#70
Pentachlorophenol
Concen: 77.261 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	617269		
268	64.1	51.3	76.9	
264	62.0	50.6	75.8	

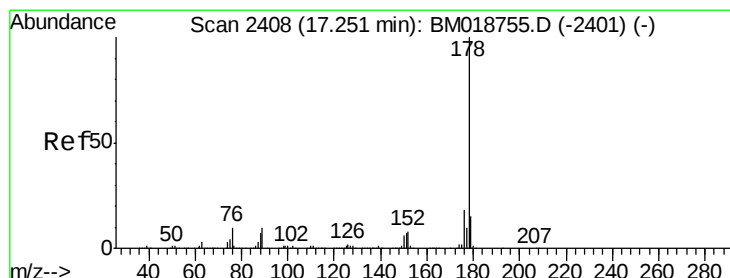
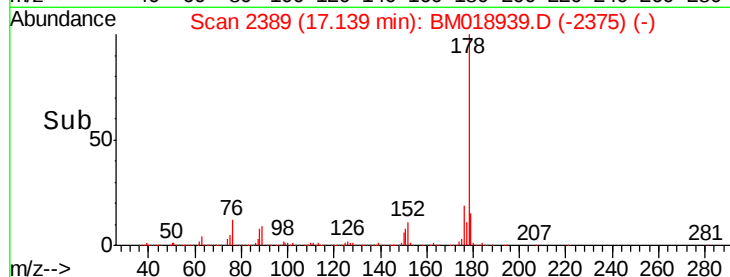
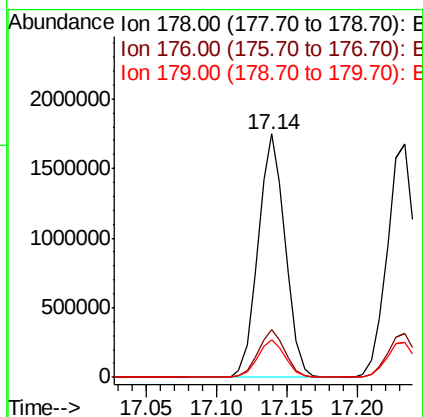
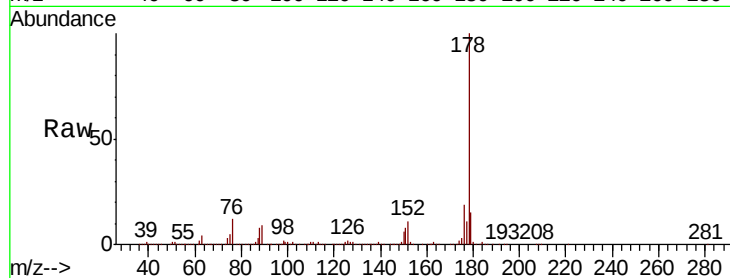




#71
Phenanthrene
Concen: 45.967 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

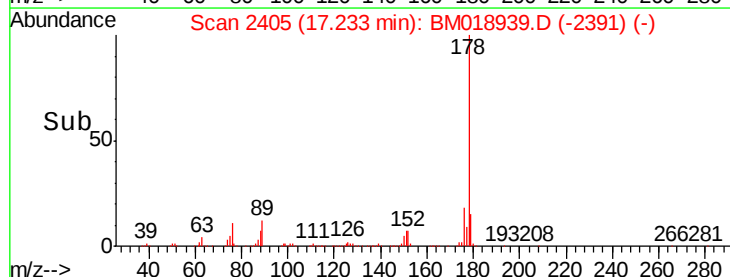
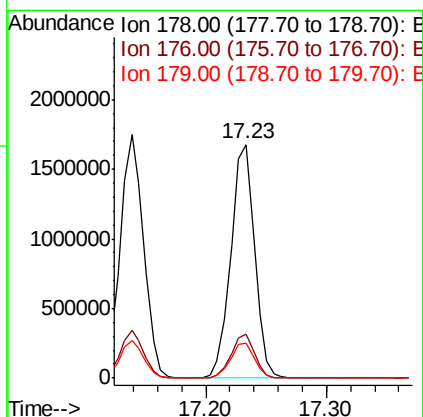
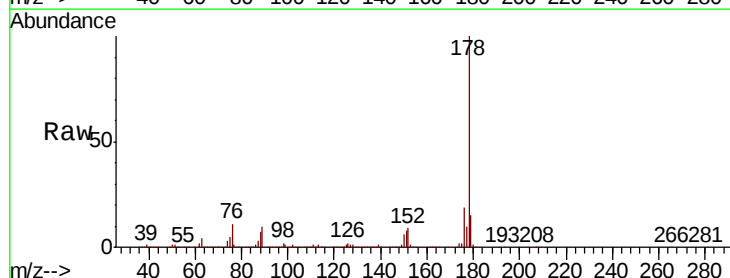
Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:178 Resp: 2356002
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 46.230 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:178 Resp: 2306292
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.0 12.1 18.1

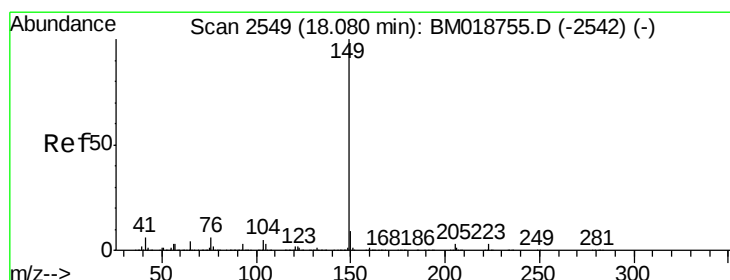
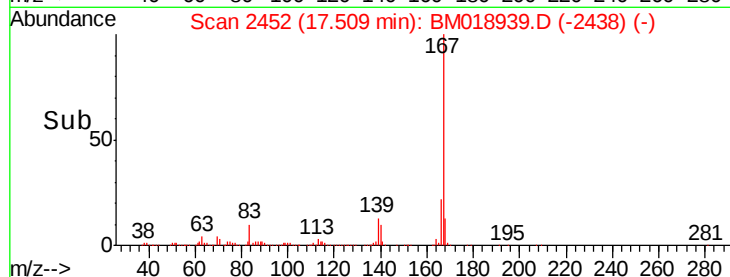
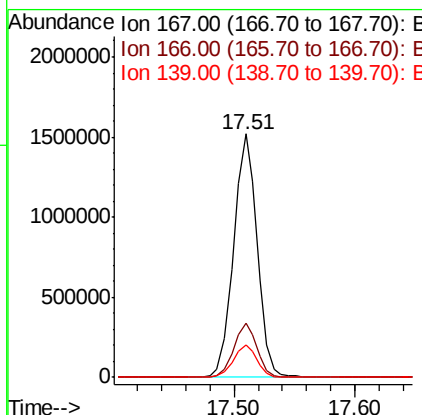
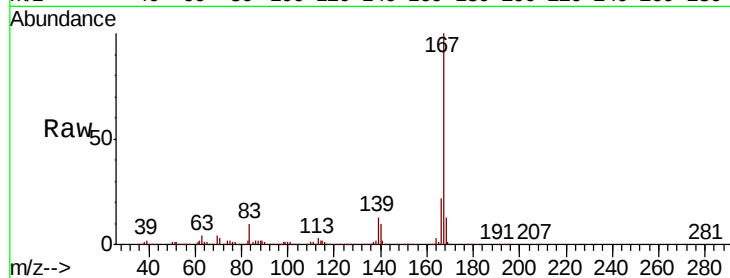




#73
 Carbazole
 Concen: 39.568 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

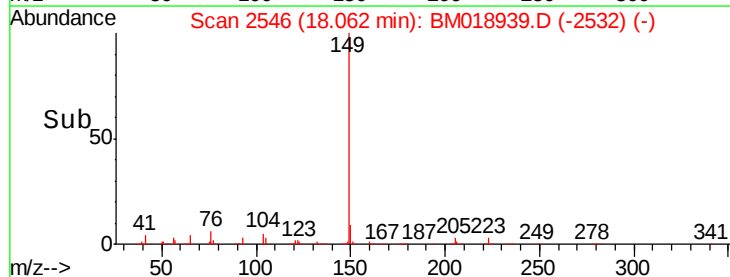
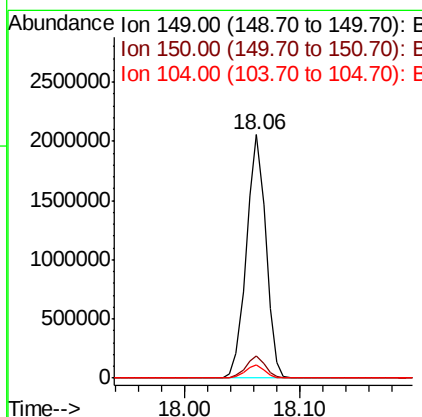
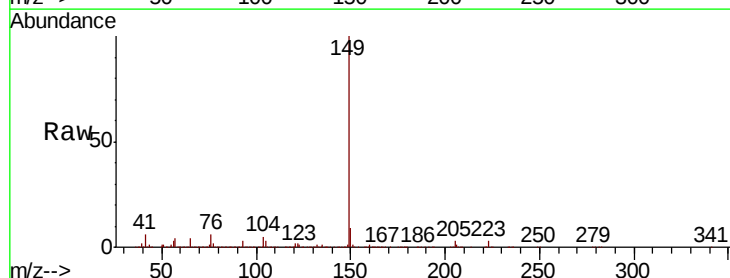
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

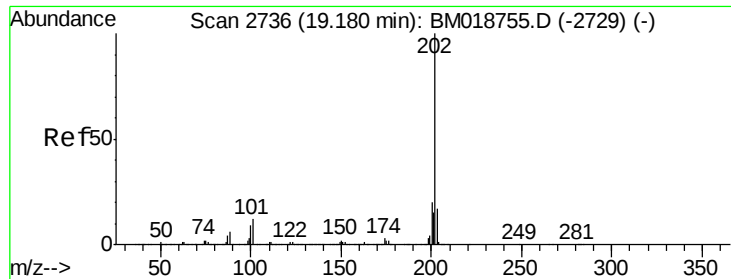
Tgt Ion:167 Resp: 2062271
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.945 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:149 Resp: 2394355
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 44.957 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

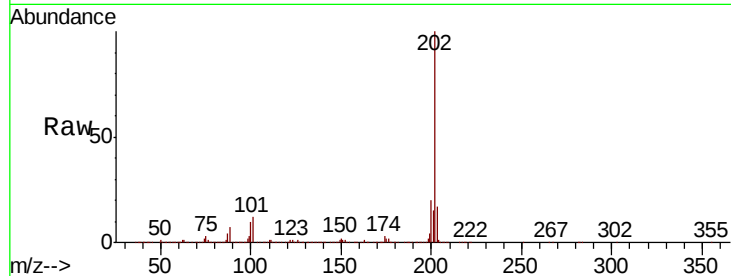
Tgt Ion:202 Resp: 2661697

Ion Ratio Lower Upper

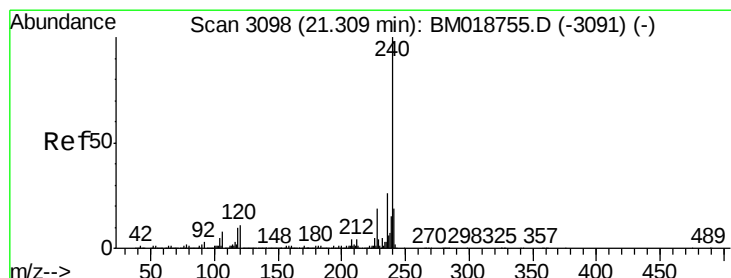
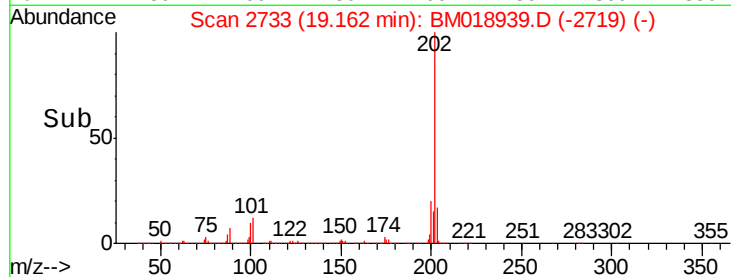
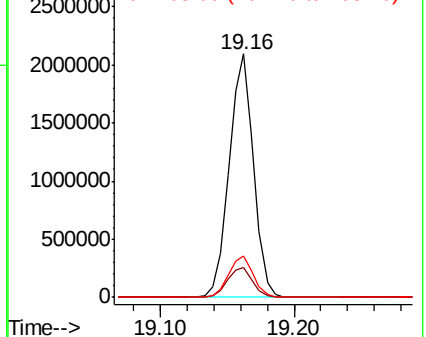
202 100

101 12.4 0.0 31.5

203 17.2 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

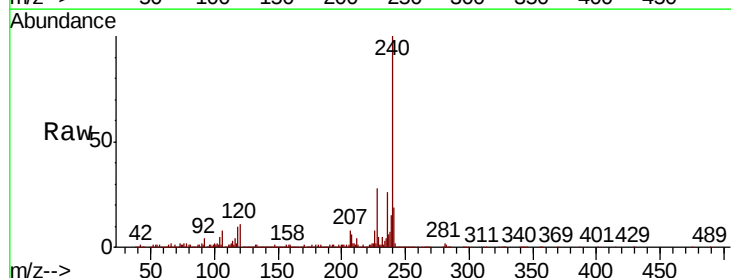
Tgt Ion:240 Resp: 1073016

Ion Ratio Lower Upper

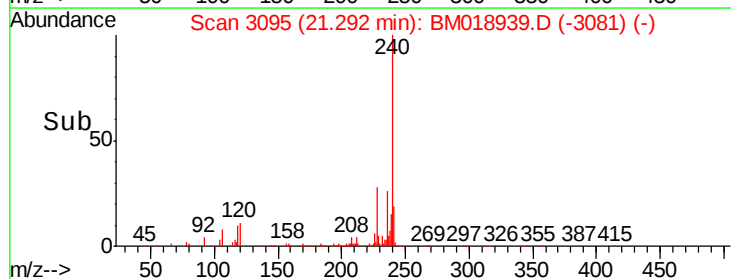
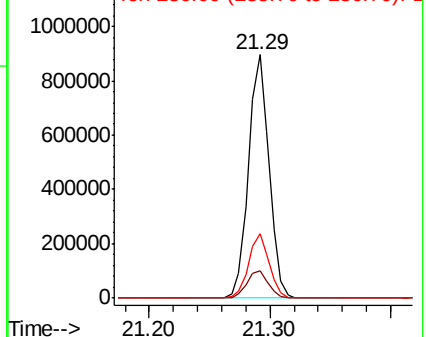
240 100

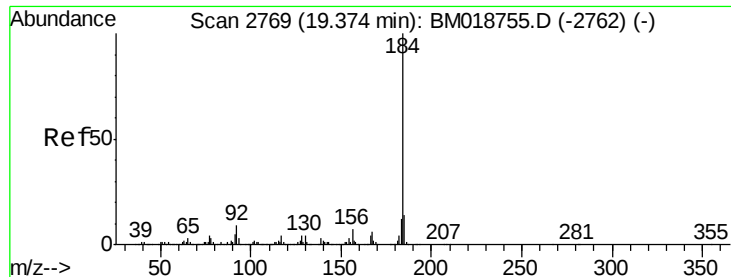
120 11.0 8.9 13.3

236 26.2 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: 84.057 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

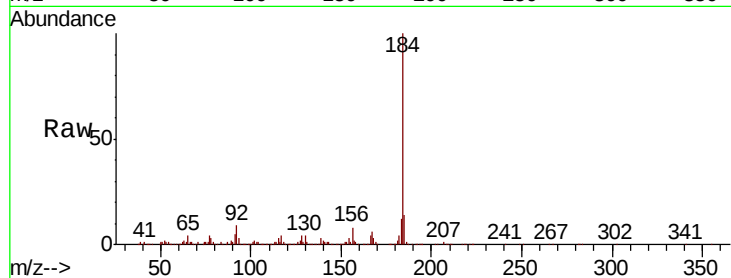
Tgt Ion:184 Resp: 2031310

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.1 9.7 14.5

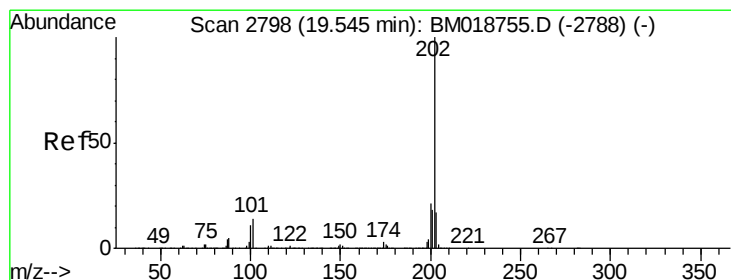
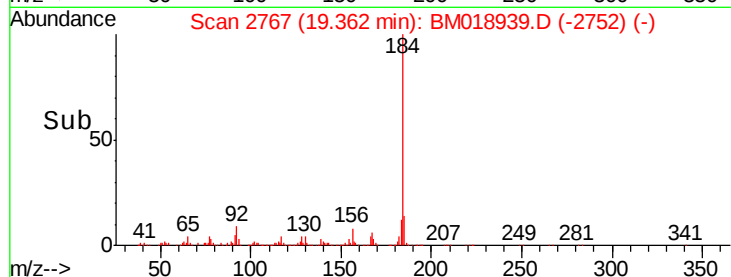
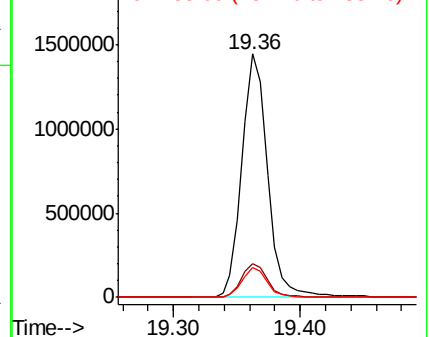


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.683 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

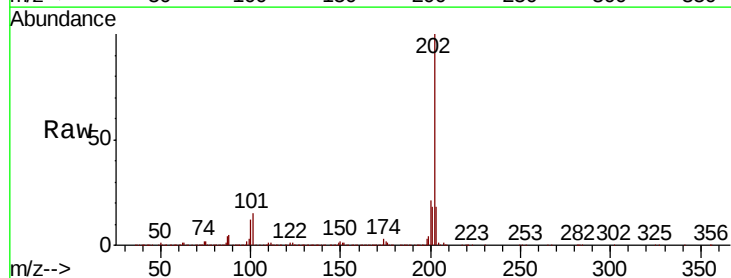
Tgt Ion:202 Resp: 2722278

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.6 13.8 20.8

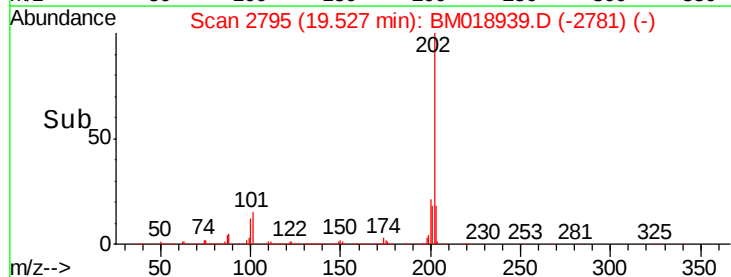
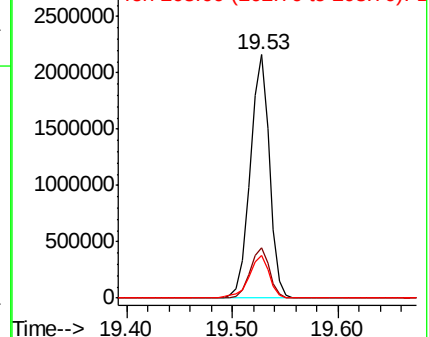


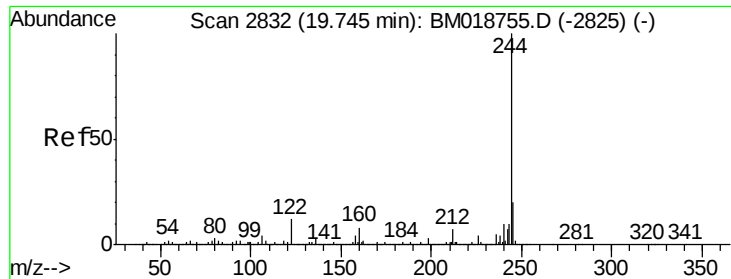
Abundance

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

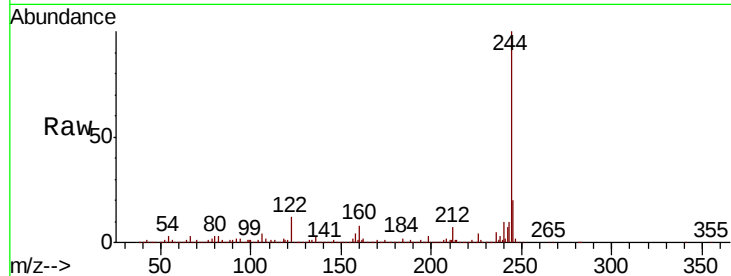




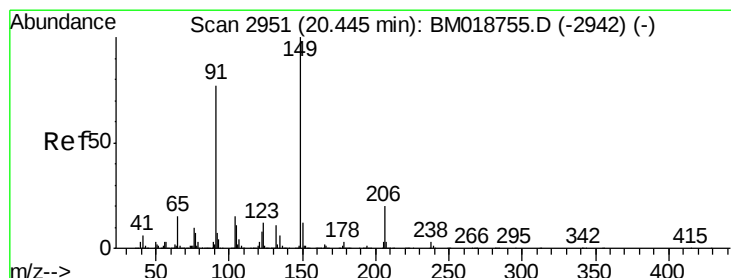
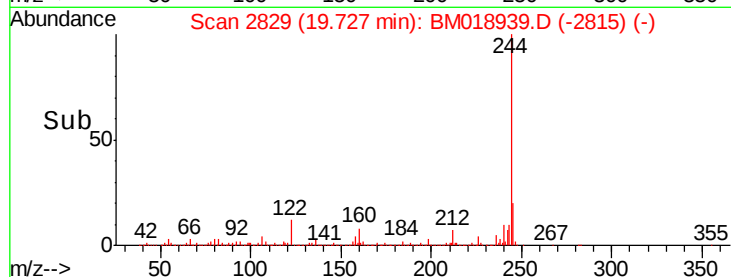
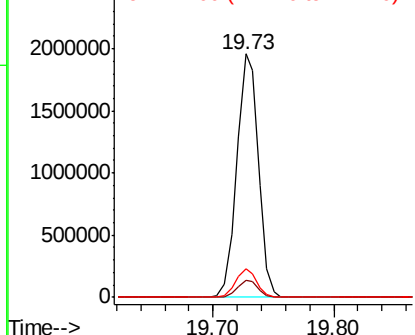
#79
 Terphenyl-d14
 Concen: 46.737 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

Tgt Ion:244 Resp: 2431002
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.8 9.3 13.9

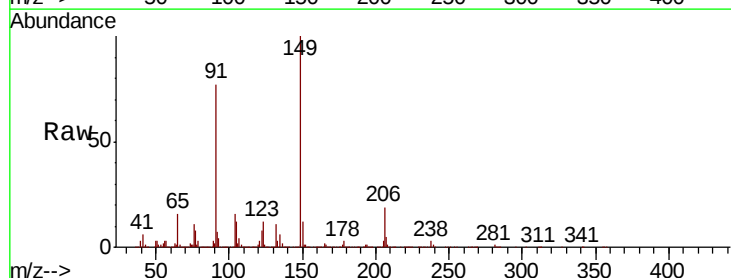


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

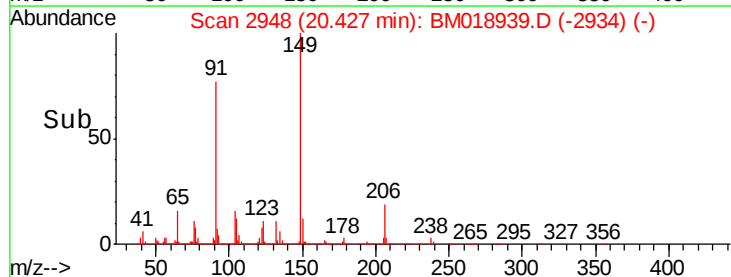
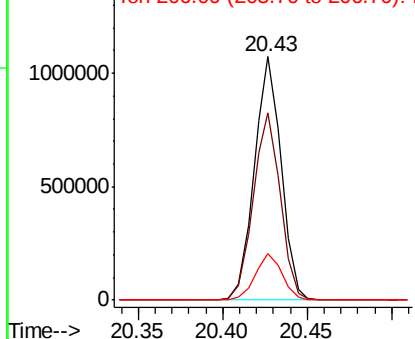


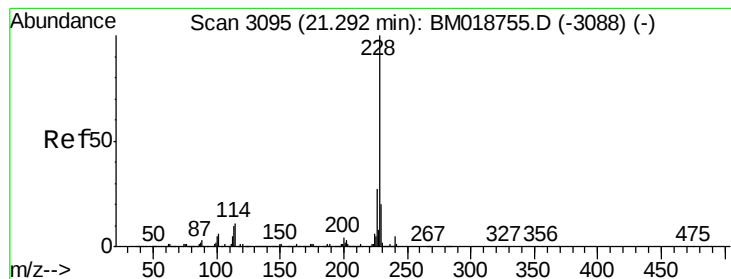
#80
 Butylbenzylphthalate
 Concen: 41.608 ng
 RT: 20.43 min Scan# 2948
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion:149 Resp: 1181741
 Ion Ratio Lower Upper
 149 100
 91 76.9 61.4 92.0
 206 19.3 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.982 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampled :

WV-EMS

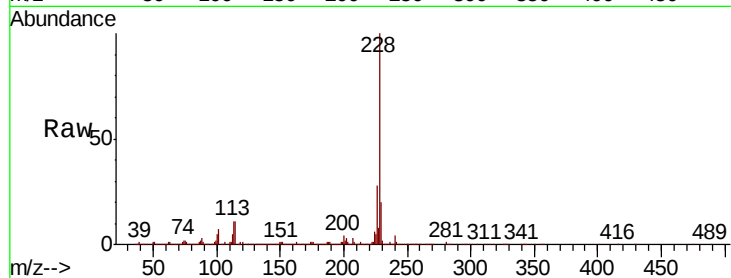
Tgt Ion:228 Resp: 2750998

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

229 19.7 15.9 23.9

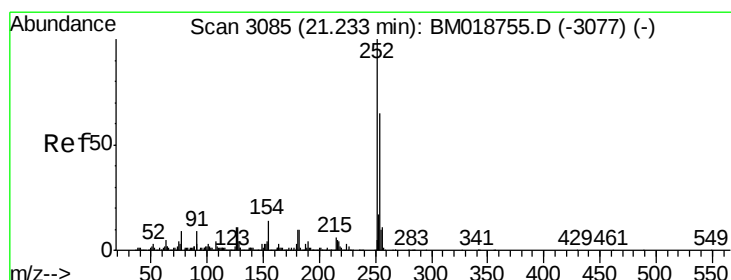
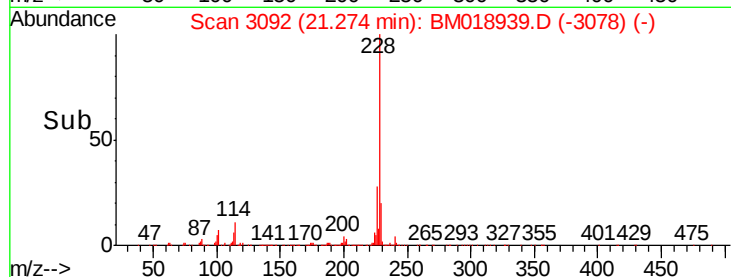
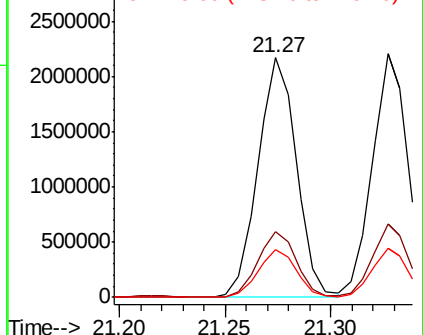


Abundance

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: 40.923 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

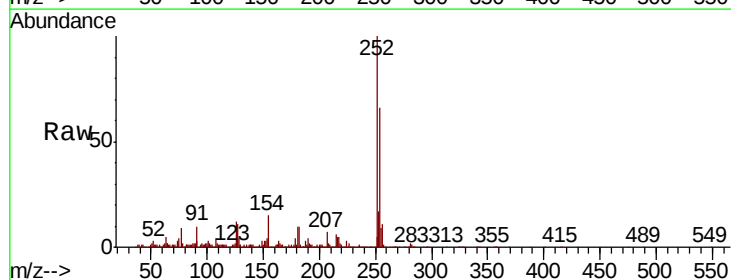
Tgt Ion:252 Resp: 1011612

Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.8

126 11.6 9.1 13.7

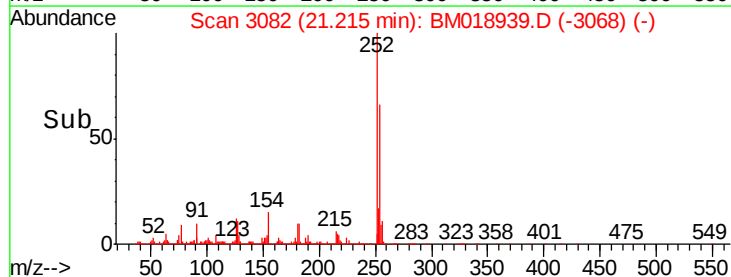
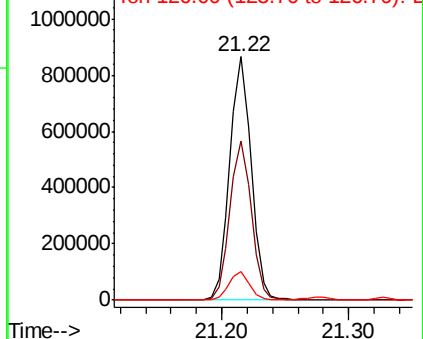


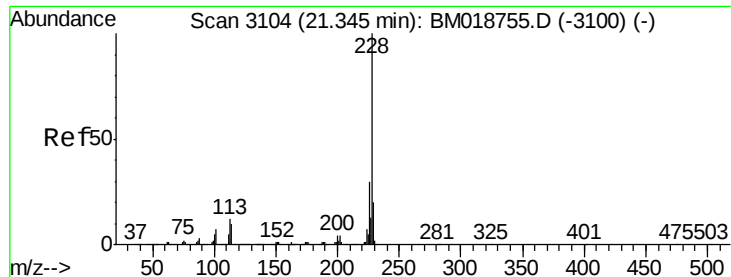
Abundance

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

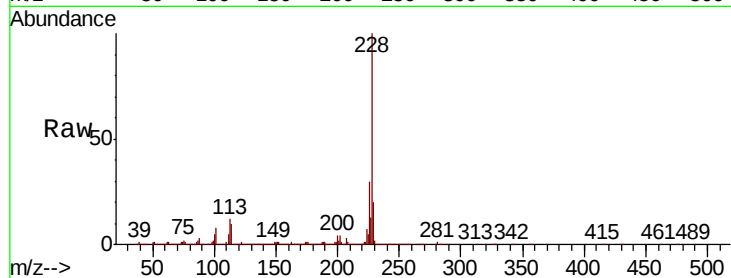




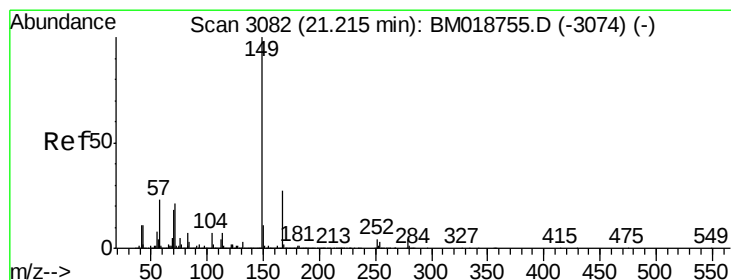
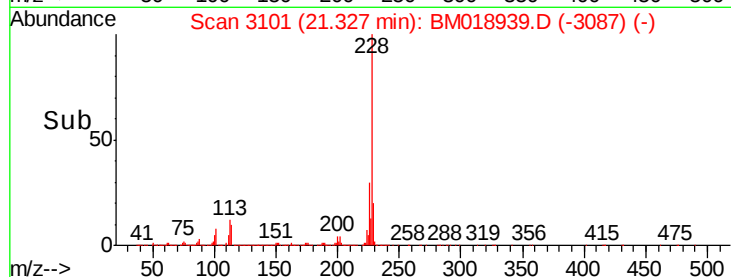
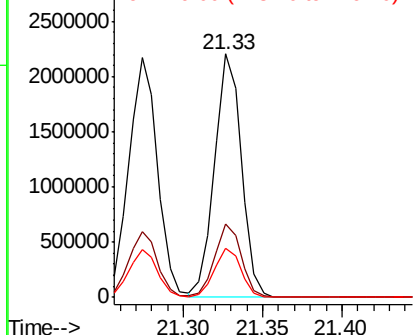
#83
 Chrysene
 Concen: 43.147 ng
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMS

Tgt Ion: 228 Resp: 2586714
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.9 16.0 24.0

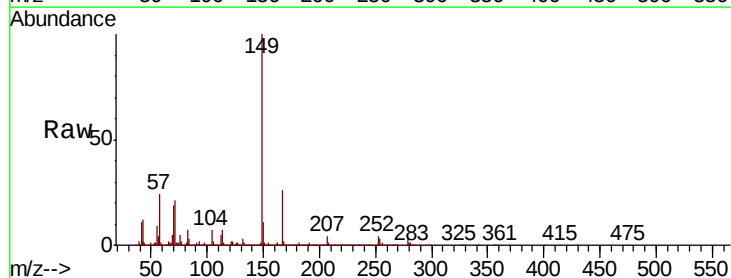


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

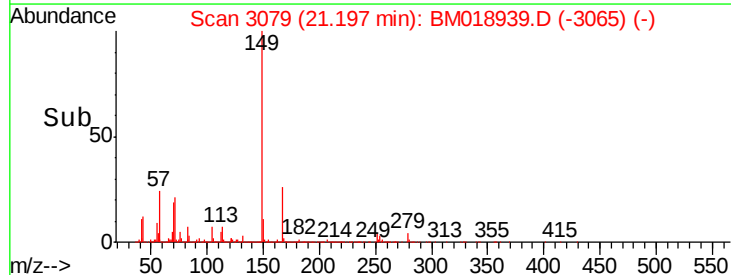
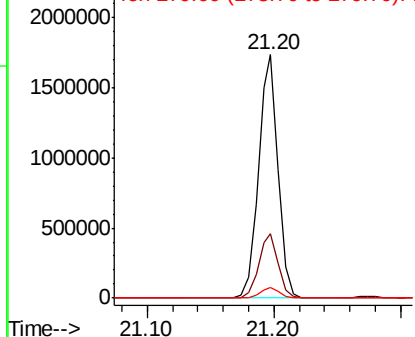


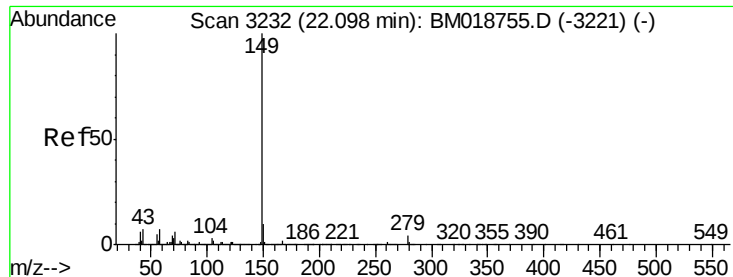
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.488 ng
 RT: 21.20 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BM018939.D
 Acq: 26 Feb 2019 21:01

Tgt Ion: 149 Resp: 1849317
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.6
 279 4.4 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: 43.912 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.02 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

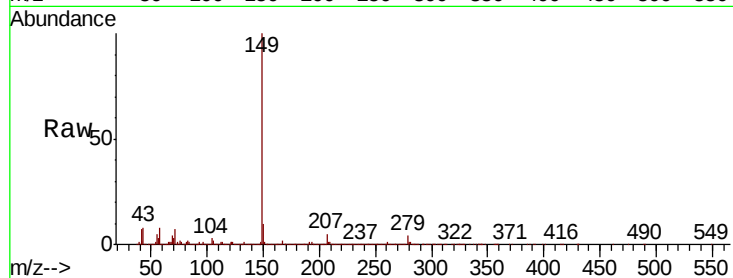
Tgt Ion:149 Resp: 3067920

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

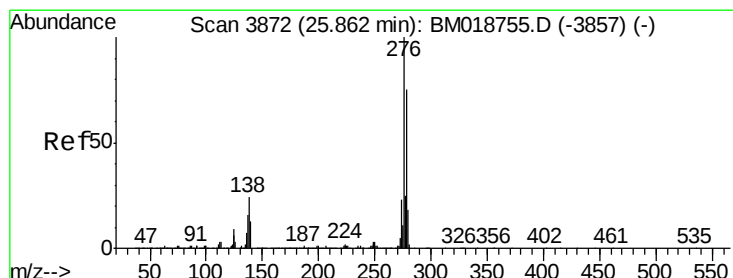
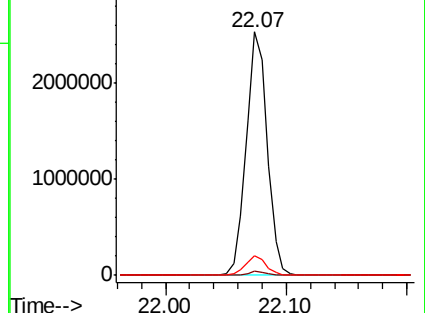
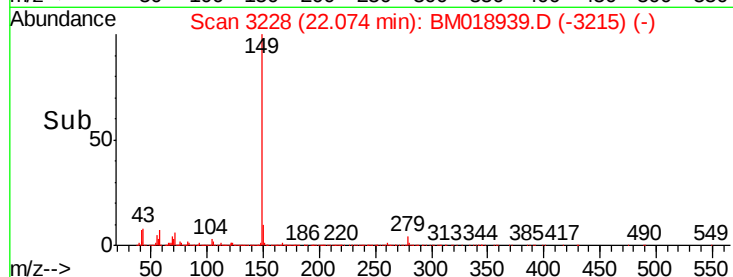
43 7.8 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.592 ng

RT: 25.83 min Scan# 3866

Delta R.T. -0.04 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

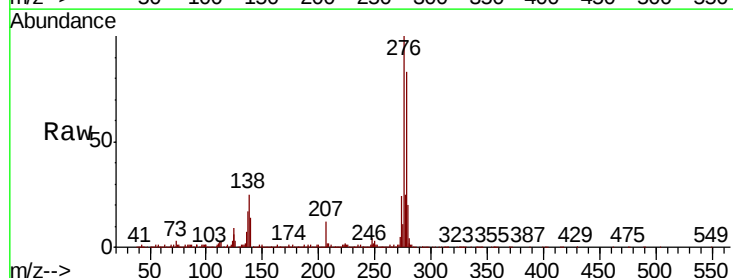
Tgt Ion:276 Resp: 3640226

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.4

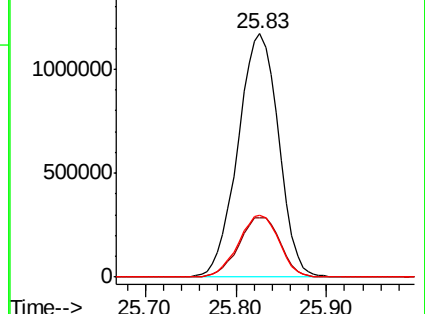
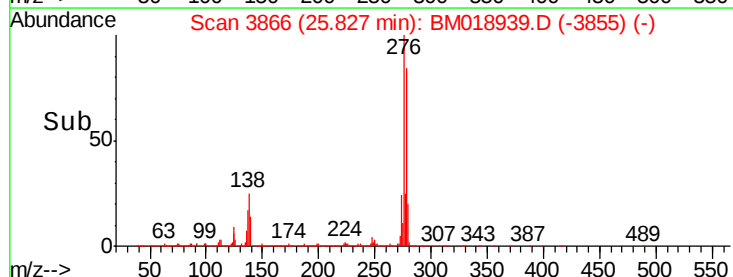
277 25.4 20.3 30.5

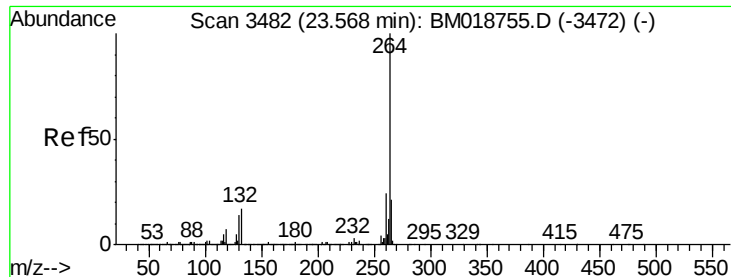


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



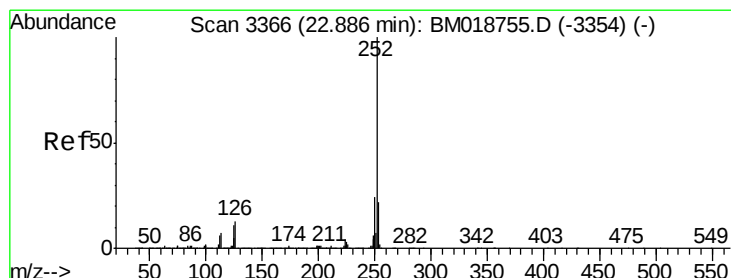
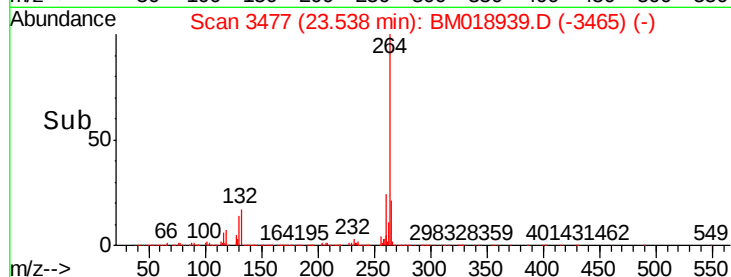
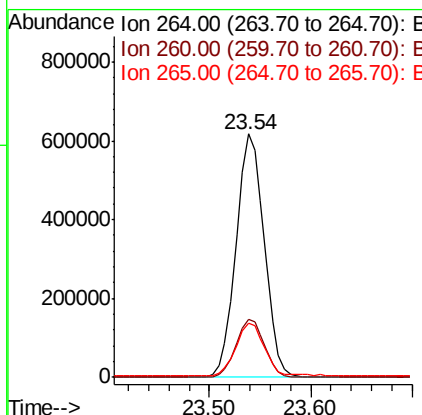
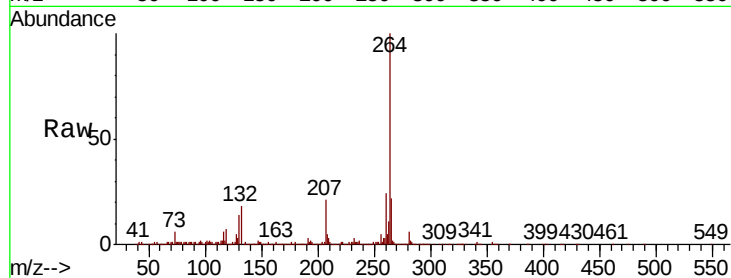


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Instrument :
BNA_M
ClientSampleId :
WV-EMS

Tgt Ion:264 Resp: 1186312

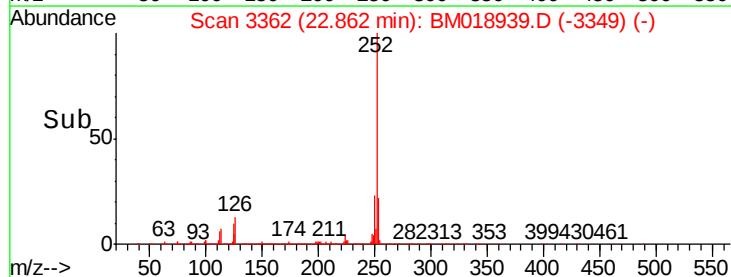
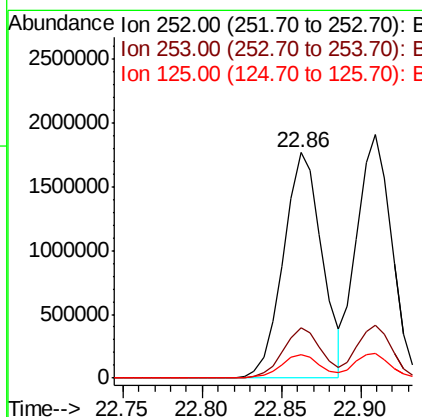
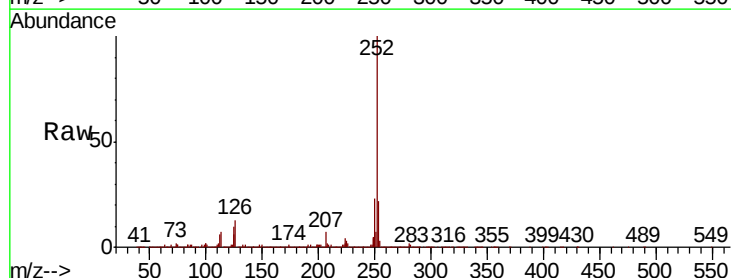
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.0	17.3	25.9

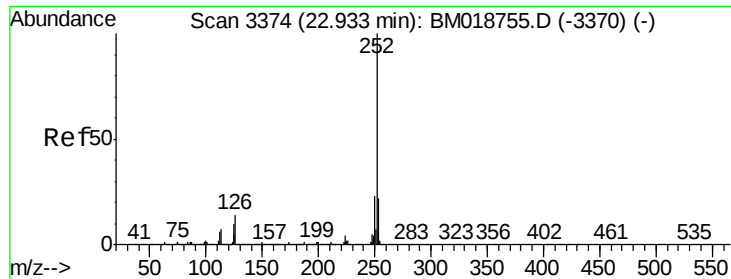


#88
Benzo(b)fluoranthene
Concen: 44.057 ng
RT: 22.86 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:252 Resp: 2990311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.4	8.6	12.8

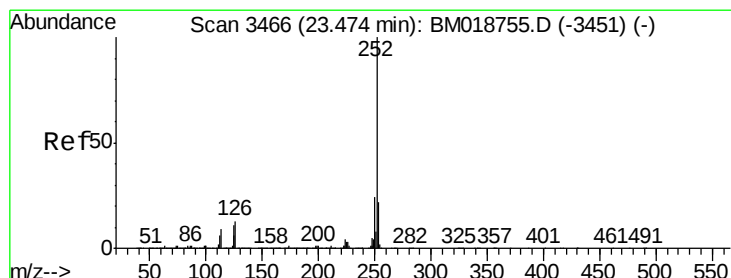
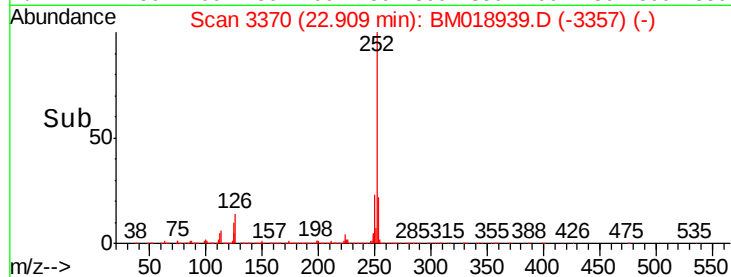
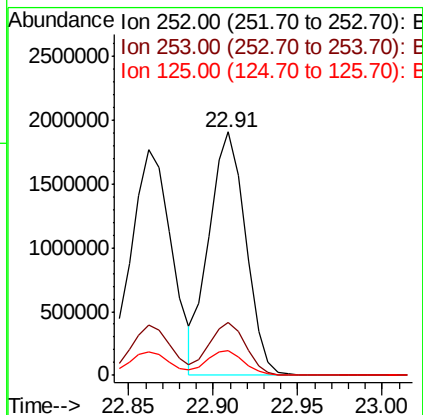
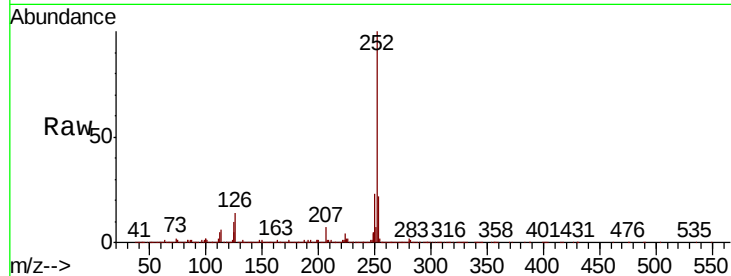




#89
Benzo(k)fluoranthene
Concen: 42.696 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

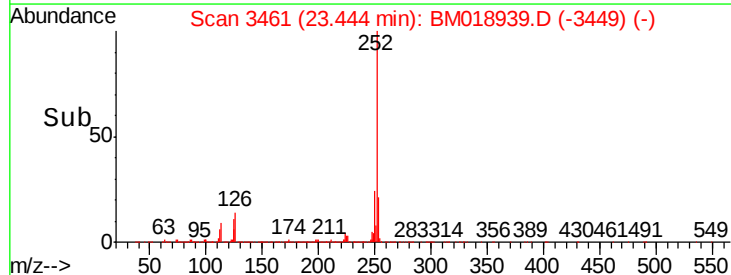
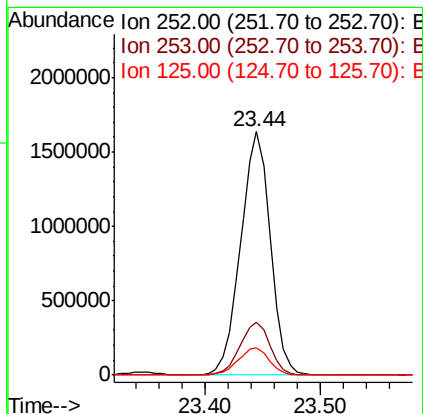
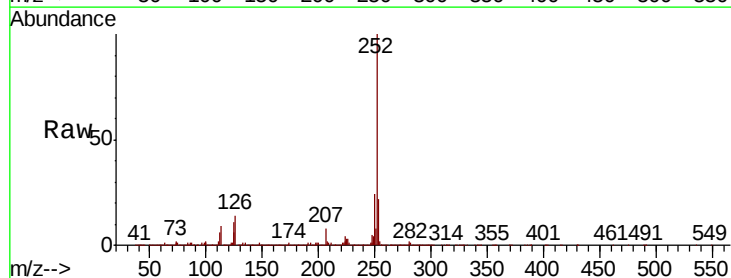
Instrument :
BNA_M
ClientSampleId :
WV-EMS

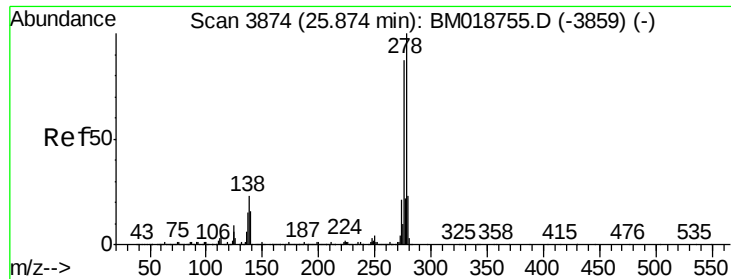
Tgt Ion:252 Resp: 2885068
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 45.179 ng
RT: 23.44 min Scan# 3461
Delta R.T. -0.03 min
Lab File: BM018939.D
Acq: 26 Feb 2019 21:01

Tgt Ion:252 Resp: 2904919
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.334 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.04 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

Instrument :

BNA_M

ClientSampleId :

WV-EMS

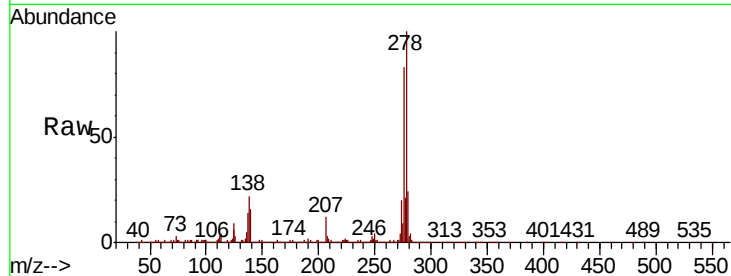
Tgt Ion:278 Resp: 3079011

Ion Ratio Lower Upper

278 100

139 15.8 12.6 18.8

279 23.8 18.6 28.0

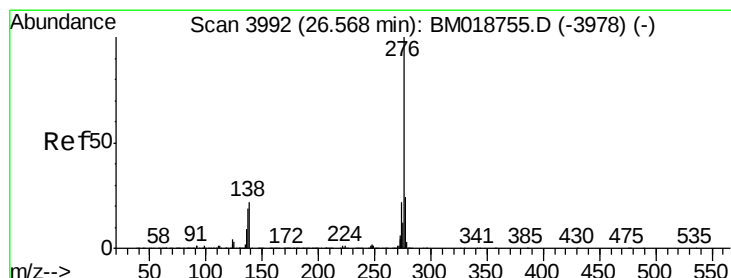
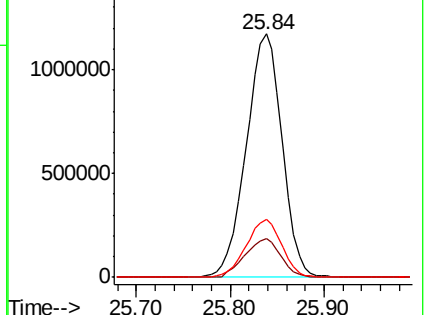
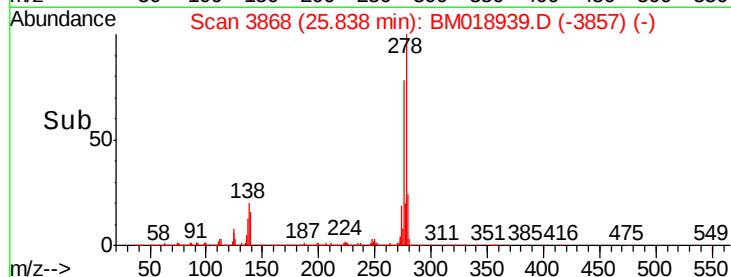


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.800 ng

RT: 26.53 min Scan# 3985

Delta R.T. -0.04 min

Lab File: BM018939.D

Acq: 26 Feb 2019 21:01

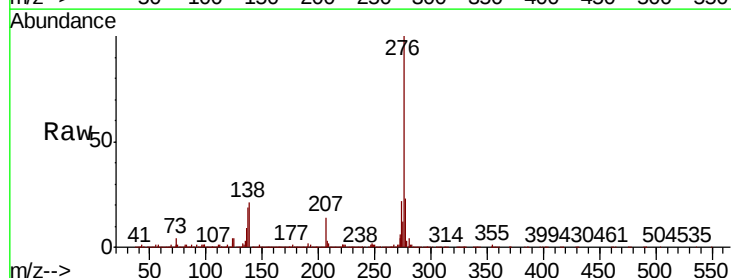
Tgt Ion:276 Resp: 3012755

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 21.4 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

