

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018940.D
 Acq On : 26 Feb 2019 21:37
 Operator : JU/SJ
 Sample : K1610-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

Quant Time: Feb 27 00:04:53 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	303861	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1073535	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	492368	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	944097	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1094414	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1223721	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2846022	153.46	ng	-0.02
7) Phenol-d6	6.87	99	3744723	143.33	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2374050	102.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	933546	131.53	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2242780	60.47	ng	-0.02
79) Terphenyl-d14	19.73	244	3028689	57.09	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	350579	43.403	ng	100
3) Pyridine	3.64	79	1045624	47.458	ng	100
4) n-Nitrosodimethylamine	3.56	42	343661	61.313	ng	90
6) Aniline	7.04	93	997223	31.153	ng	99
8) 2-Chlorophenol	7.26	128	1004609	49.339	ng	98
9) Benzaldehyde	6.85	77	544537	37.511	ng	99
10) Phenol	6.90	94	1383942	50.344	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1002848	47.824	ng	99
12) 1,3-Dichlorobenzene	7.58	146	1105751	48.296	ng	99
13) 1,4-Dichlorobenzene	7.73	146	1132358	48.582	ng	100
14) 1,2-Dichlorobenzene	8.04	146	1065314	47.582	ng	98
15) Benzyl Alcohol	7.95	79	952456	45.881	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	951875	46.901	ng	97
17) 2-Methylphenol	8.14	107	815441	46.607	ng	99
18) Hexachloroethane	8.76	117	410686	48.267	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	864647	42.744	ng	99
20) 3+4-Methylphenols	8.47	107	1081367	44.759	ng	99
22) Acetophenone	8.52	105	1463581	49.644	ng	# 99
24) Nitrobenzene	8.90	77	1258108	52.205	ng	99
25) Isophorone	9.42	82	2046384	55.240	ng	99
26) 2-Nitrophenol	9.61	139	513997	53.556	ng	97
27) 2,4-Dimethylphenol	9.66	122	807344	57.595	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	1225442	51.154	ng	100
29) 2,4-Dichlorophenol	10.13	162	810565	50.360	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	944582	50.817	ng	98
31) Naphthalene	10.53	128	2830681	54.065	ng	99
32) Benzoic acid	9.77	122	113411	9.275	ng	95
33) 4-Chloroaniline	10.66	127	252111	10.772	ng	99
34) Hexachlorobutadiene	10.79	225	529988	49.122	ng	98
35) Caprolactam	11.47	113	192536	29.311	ng	91
36) 4-Chloro-3-methylphenol	11.79	107	843914	43.488	ng	100
37) 2-Methylnaphthalene	12.15	142	1905438	51.690	ng	99
38) 1-Methylnaphthalene	12.37	142	1776011	49.269	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	865574	54.956	ng	99

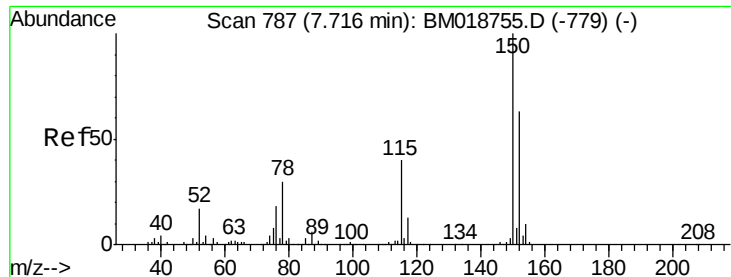
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018940.D
 Acq On : 26 Feb 2019 21:37
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	538720	66.899	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	569003	54.571	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	588925	53.888	ng	98
46) 1,1'-Biphenyl	13.17	154	2228236	52.575	ng	99
47) 2-Chloronaphthalene	13.22	162	1745273	53.315	ng	99
48) 2-Nitroaniline	13.44	65	568621	52.301	ng	98
49) Acenaphthylene	14.07	152	2659068	54.553	ng	100
50) Dimethylphthalate	13.81	163	2202905	53.685	ng	99
51) 2,6-Dinitrotoluene	13.94	165	432412	48.647	ng	98
52) Acenaphthene	14.41	154	1582995	52.964	ng	100
53) 3-Nitroaniline	14.27	138	292357	29.109	ng	97
54) 2,4-Dinitrophenol	14.48	184	159454	31.997	ng	98
55) Dibenzofuran	14.74	168	2420199	49.265	ng	99
56) 4-Nitrophenol	14.59	139	712366	88.852	ng	99
57) 2,4-Dinitrotoluene	14.73	165	570772	46.605	ng	97
58) Fluorene	15.40	166	1918726	51.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	474766	49.148	ng	99
60) Diethylphthalate	15.17	149	1887719	44.597	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	926989	43.992	ng	98
62) 4-Nitroaniline	15.44	138	394032	40.019	ng	99
63) Azobenzene	15.69	77	2088980	46.028	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	181865	27.436	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1576435	52.851	ng	99
67) 4-Bromophenyl-phenylether	16.29	248	521397	49.339	ng	98
68) Hexachlorobenzene	16.39	284	608951	49.576	ng	99
69) Atrazine	16.57	200	445757	46.355	ng	99
70) Pentachlorophenol	16.74	266	769507	97.297	ng	99
71) Phenanthrene	17.14	178	2866117	56.489	ng	100
72) Anthracene	17.23	178	2826586	57.237	ng	100
73) Carbazole	17.51	167	2537626	49.184	ng	99
74) Di-n-butylphthalate	18.06	149	2925521	49.303	ng	100
75) Fluoranthene	19.16	202	3313483	56.536	ng	99
77) Benzidine	19.36	184	2121007	86.053	ng	100
78) Pyrene	19.53	202	3432470	54.002	ng	100
80) Butylbenzylphthalate	20.43	149	1487091	51.336	ng	97
81) Benzo(a)anthracene	21.28	228	3491525	54.730	ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	1218253	48.319	ng	99
83) Chrysene	21.33	228	3311223	54.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2361680	55.703	ng	99
85) Di-n-octyl phthalate	22.08	149	3913098	54.914	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	4675445	66.227	ng	99
88) Benzo(b)fluoranthene	22.87	252	3898307	55.679	ng	99
89) Benzo(k)fluoranthene	22.91	252	3590726	51.515	ng	100
90) Benzo(a)pyrene	23.45	252	3719832	56.084	ng	100
91) Dibenzo(a,h)anthracene	25.85	278	3940681	59.969	ng	100
92) Benzo(g,h,i)perylene	26.54	276	3831247	62.627	ng	99

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

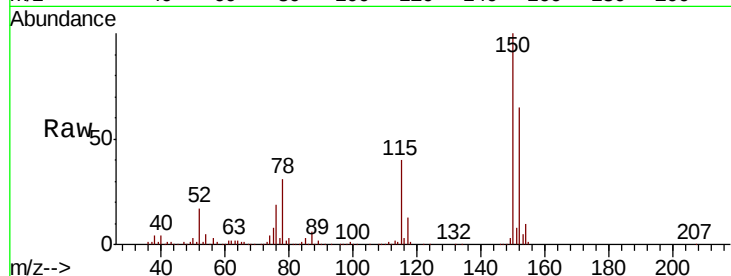


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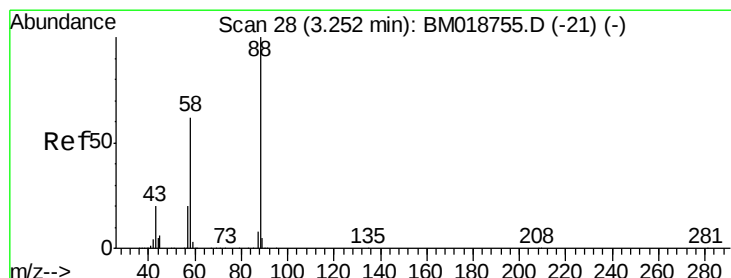
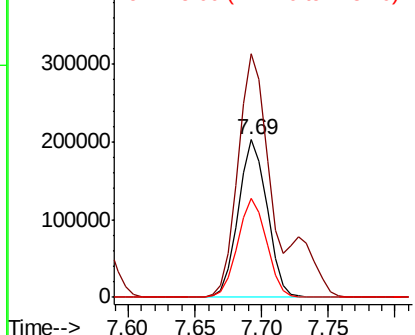
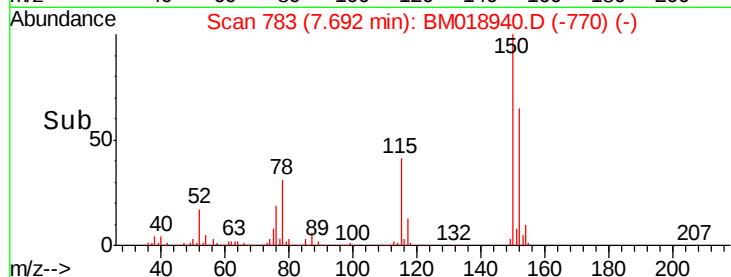
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:152 Resp: 303861
Ion Ratio Lower Upper
152 100
150 154.6 127.3 190.9
115 62.6 50.8 76.2



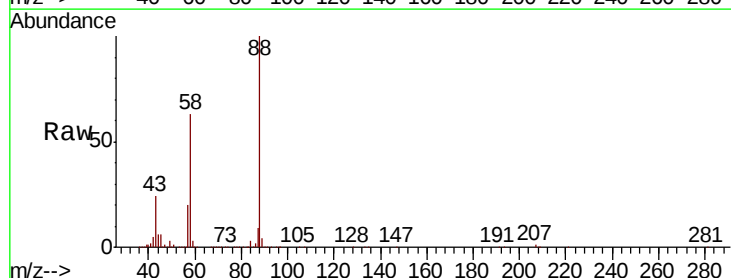
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



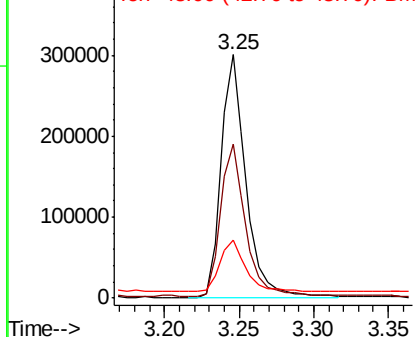
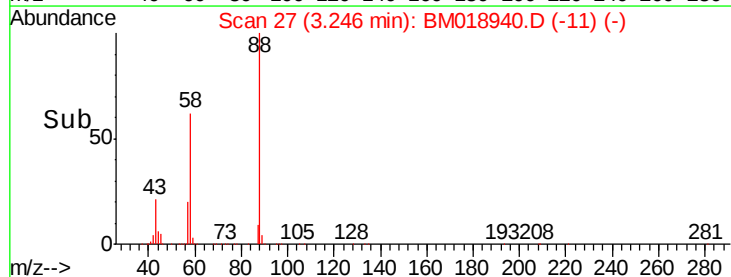
#2

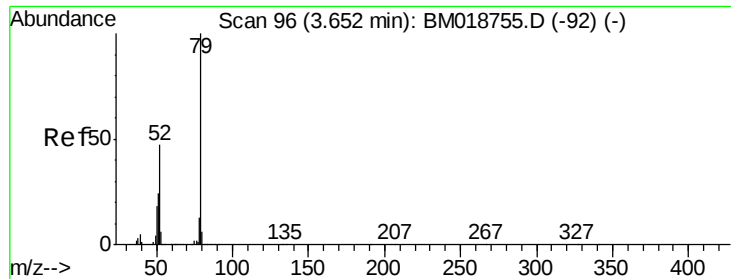
1,4-Dioxane
Concen: 43.403 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion: 88 Resp: 350579
Ion Ratio Lower Upper
88 100
58 62.3 49.8 74.6
43 21.4 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 47.458 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

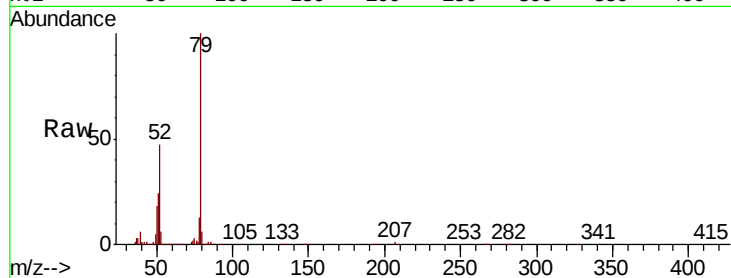
Tgt Ion: 79 Resp: 1045624

Ion Ratio Lower Upper

79 100

52 47.2 37.6 56.4

51 24.5 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018940.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018940.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018940.D (-92) (-)

3.64

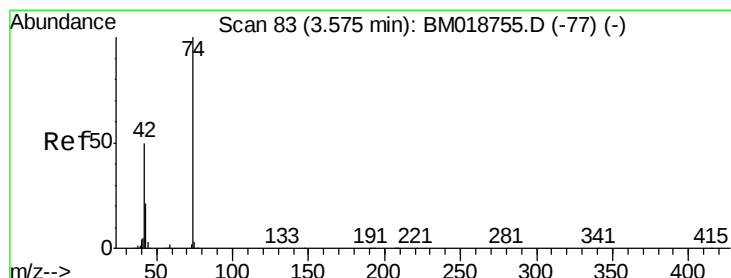
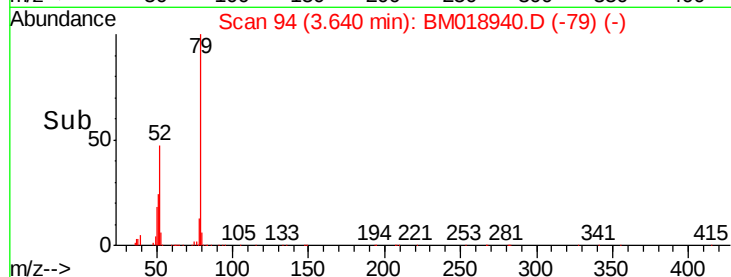
600000

400000

200000

0

Time--> 3.50 3.60 3.70 3.80 3.90



#4

n-Nitrosodimethylamine

Concen: 61.313 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

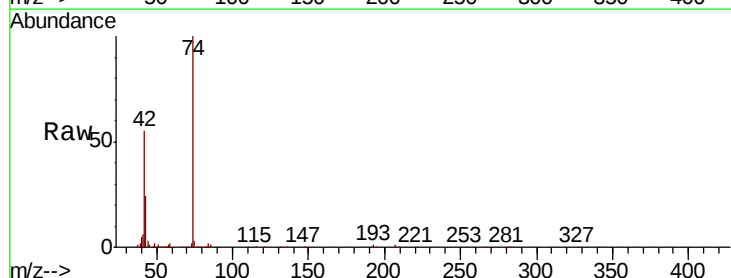
Tgt Ion: 42 Resp: 343661

Ion Ratio Lower Upper

42 100

74 181.7 158.1 237.1

44 6.3 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BM018940.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018940.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018940.D (-66) (-)

3.56

400000

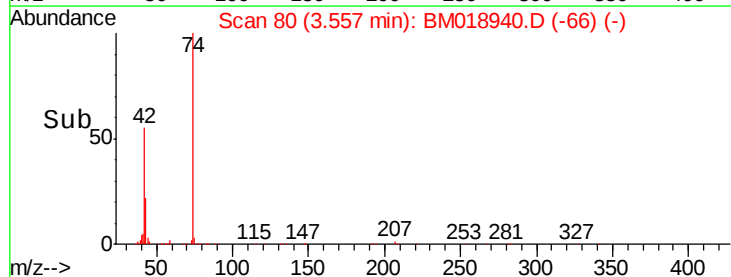
300000

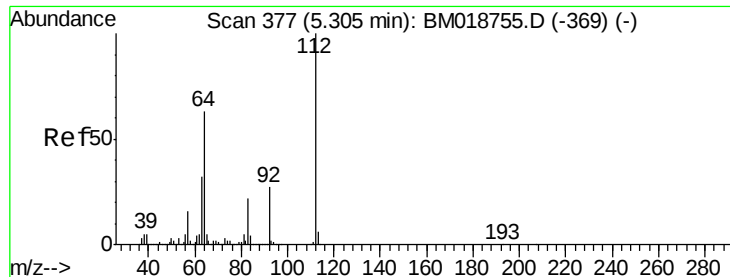
200000

100000

0

Time--> 3.50 3.60 3.70 3.80





#5

2-Fluorophenol

Concen: 153.463 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampled :

WV-EMSD

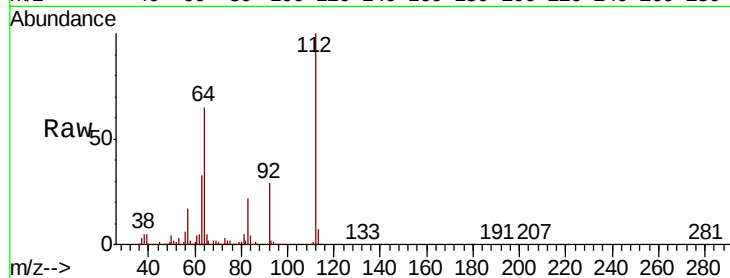
Tgt Ion: 112 Resp: 2846022

Ion Ratio Lower Upper

112 100

64 65.4 50.6 75.8

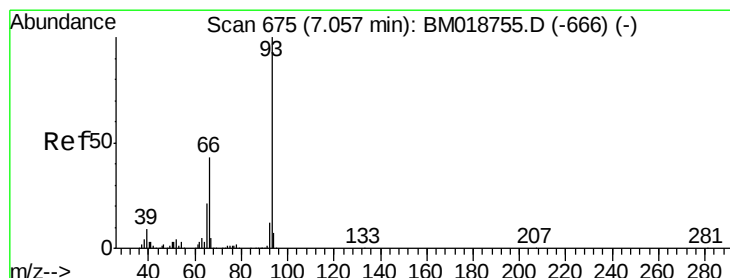
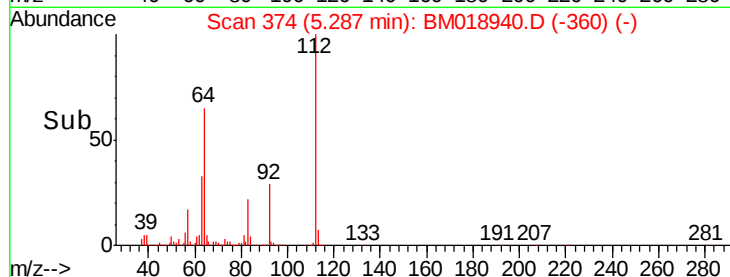
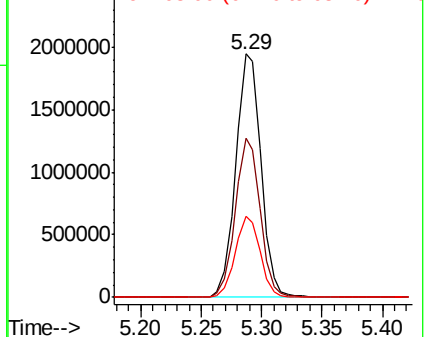
63 33.1 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.153 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

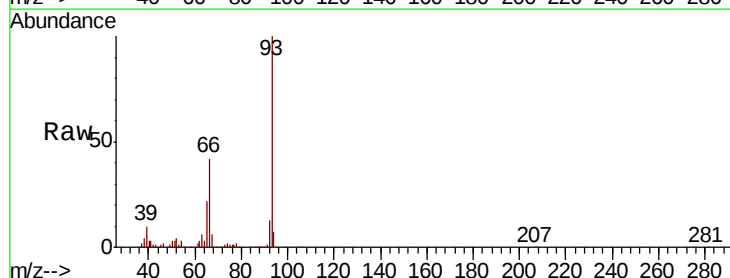
Tgt Ion: 93 Resp: 997223

Ion Ratio Lower Upper

93 100

66 42.1 34.1 51.1

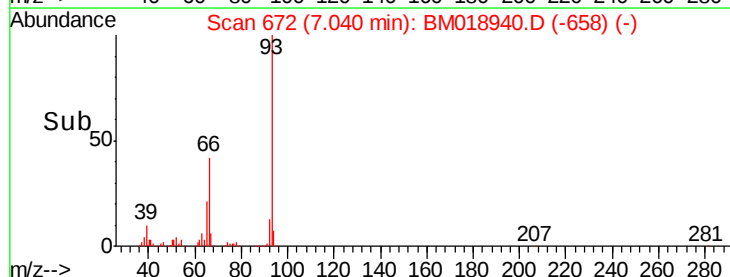
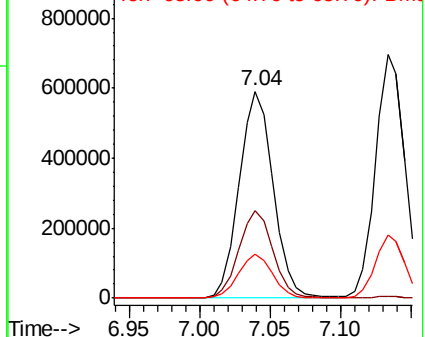
65 21.5 16.6 24.8

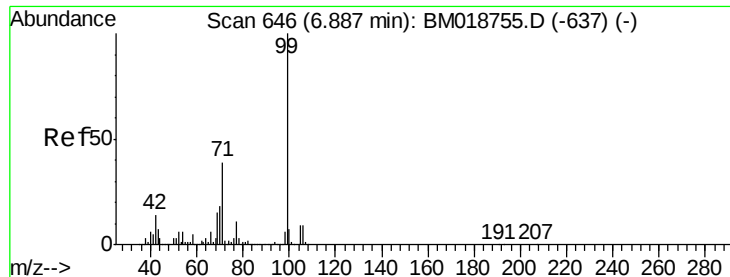


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 143.334 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

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ClientSampleId :

WV-EMSD

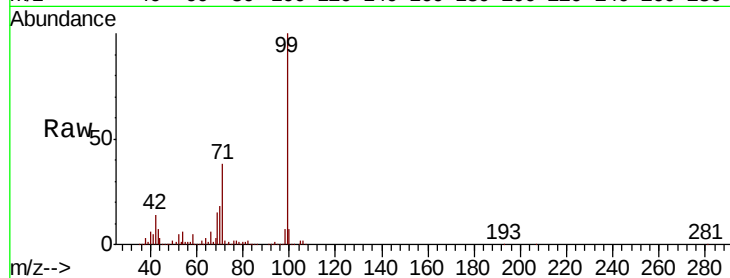
Tgt Ion: 99 Resp: 3744723

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

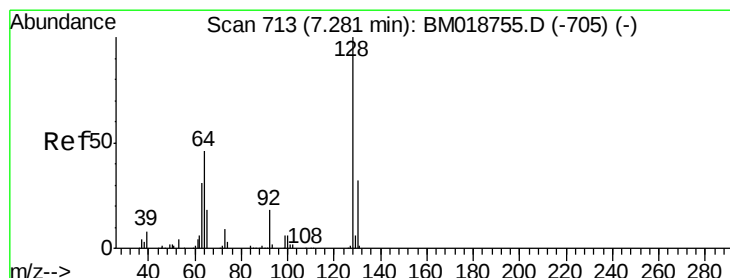
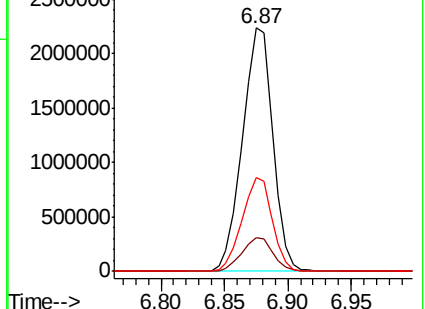
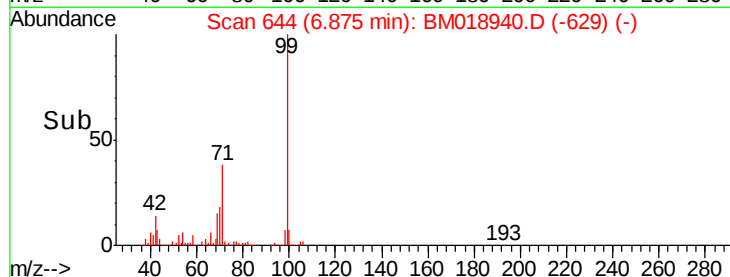
71 38.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018940.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018940.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018940.D (-629) (-)



#8

2-Chlorophenol

Concen: 49.339 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

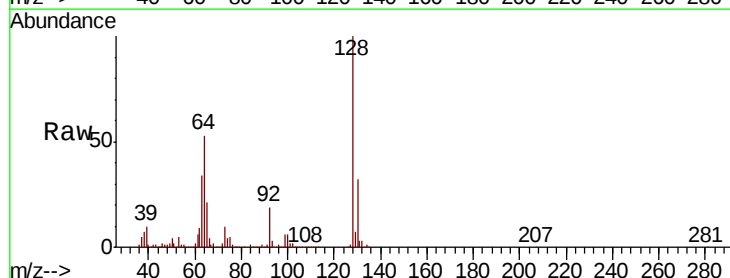
Tgt Ion: 128 Resp: 1004609

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

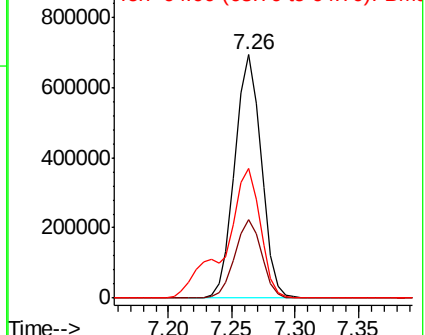
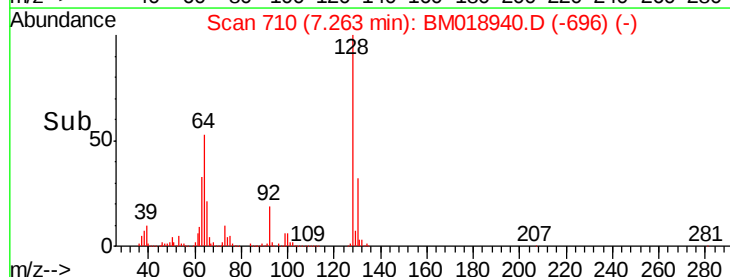
64 53.3 31.0 71.0

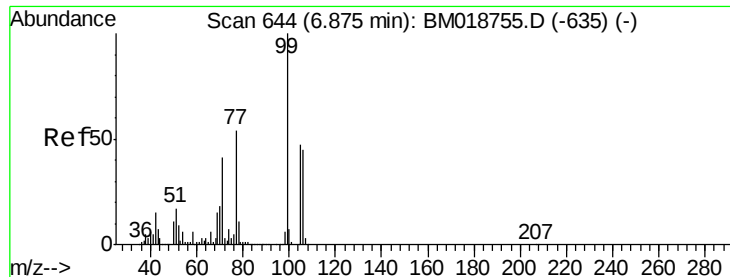


Abundance Ion 128.00 (127.70 to 128.70): BM018940.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018940.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018940.D (-696) (-)





#9

Benzaldehyde

Concen: 37.511 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

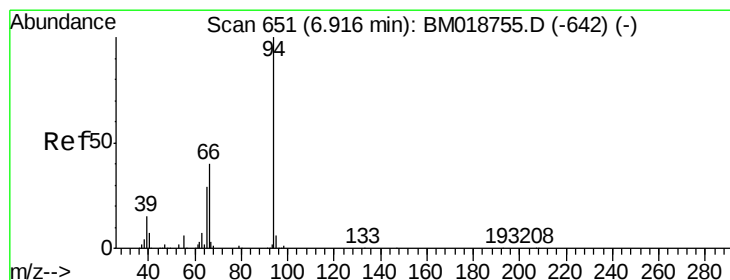
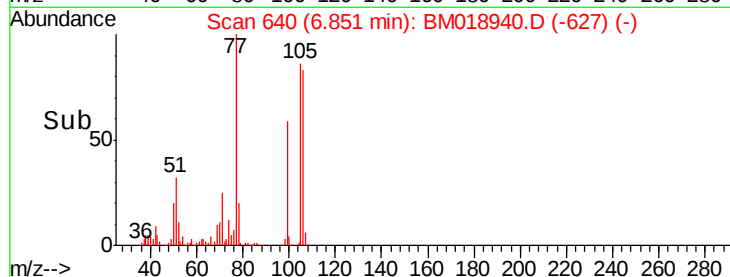
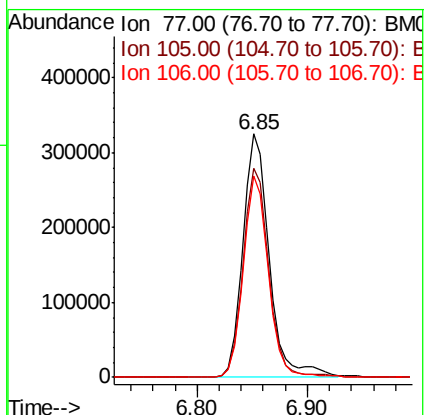
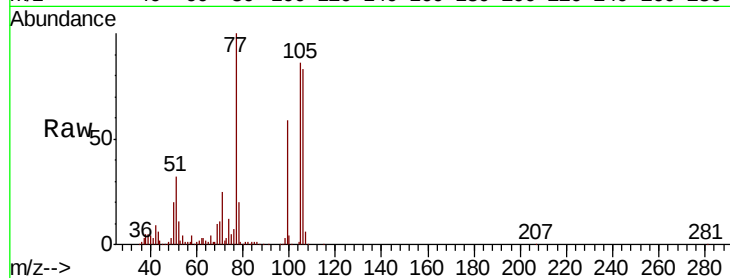
Tgt Ion: 77 Resp: 544537

Ion Ratio Lower Upper

77 100

105 85.9 67.3 107.3

106 82.6 62.9 102.9



#10

Phenol

Concen: 50.344 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

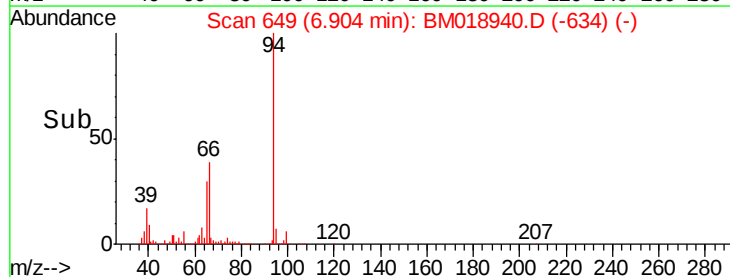
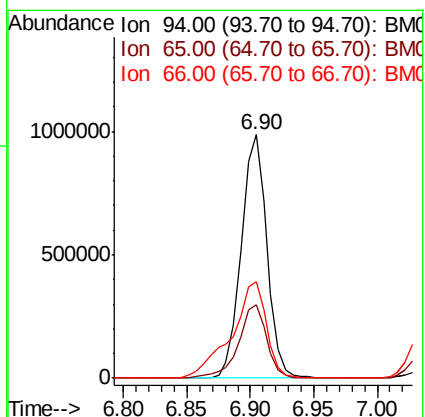
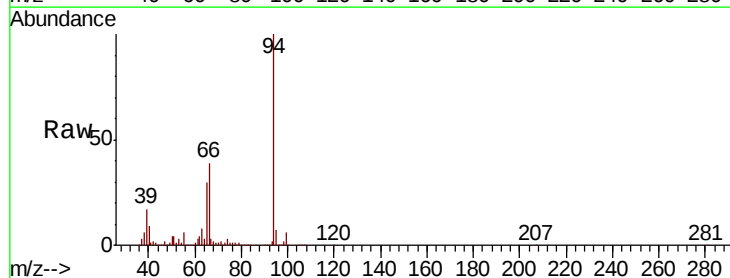
Tgt Ion: 94 Resp: 1383942

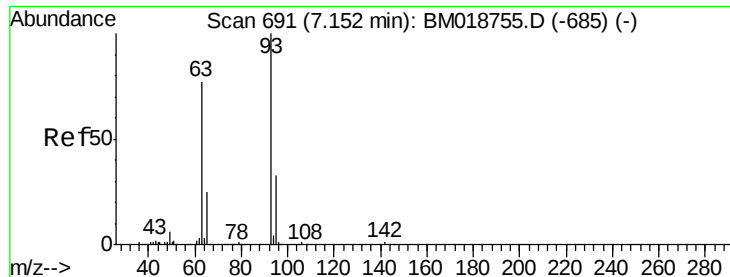
Ion Ratio Lower Upper

94 100

65 30.0 9.6 49.6

66 39.4 20.4 60.4

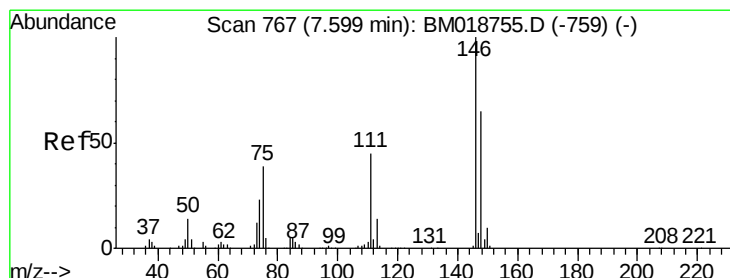
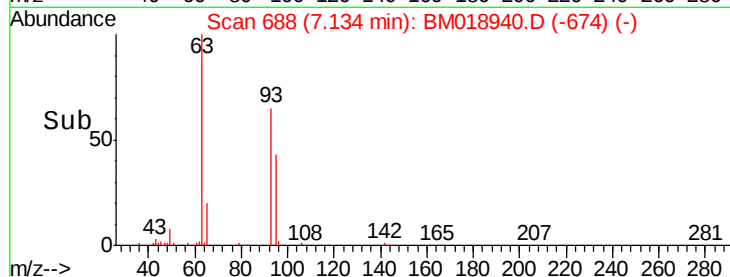
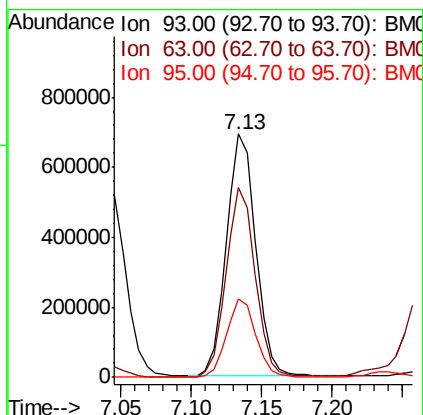
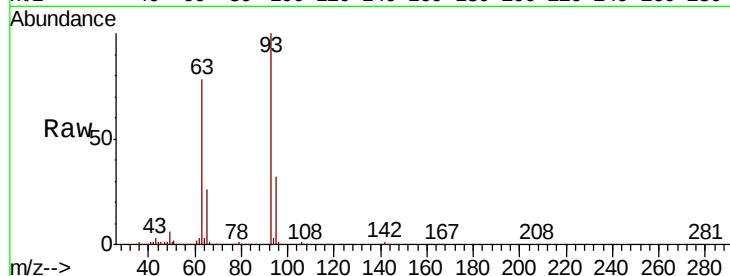




#11
bis(2-Chloroethyl)ether
Concen: 47.824 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

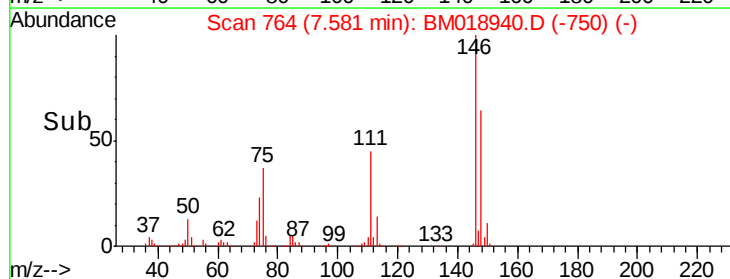
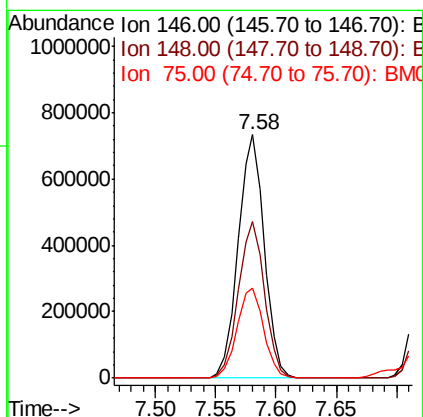
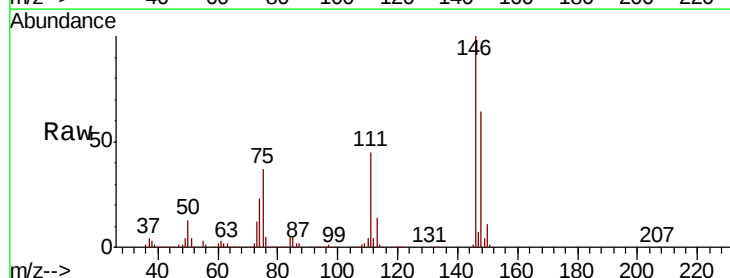
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

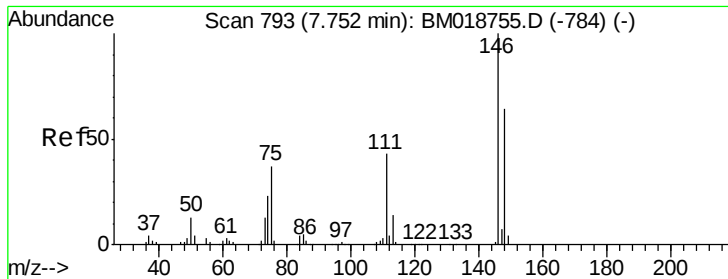
Tgt Ion: 93 Resp: 1002848
Ion Ratio Lower Upper
93 100
63 78.1 57.0 97.0
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.296 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion: 146 Resp: 1105751
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
75 36.9 31.3 46.9

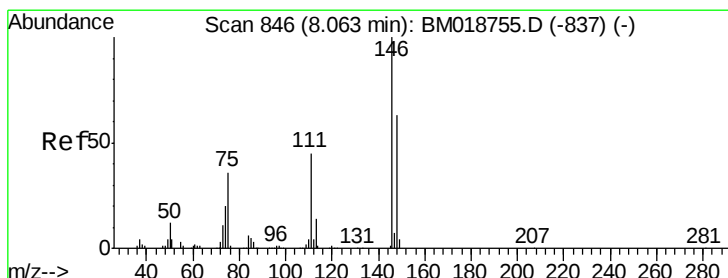
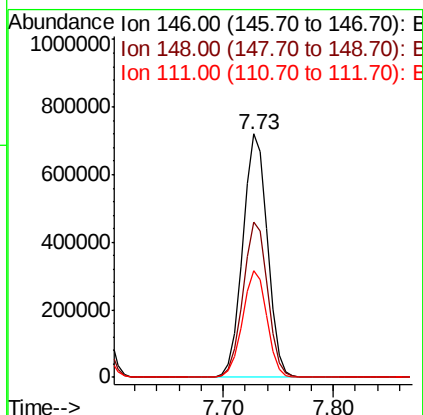
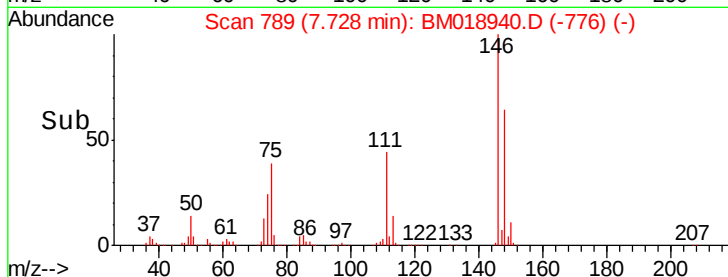
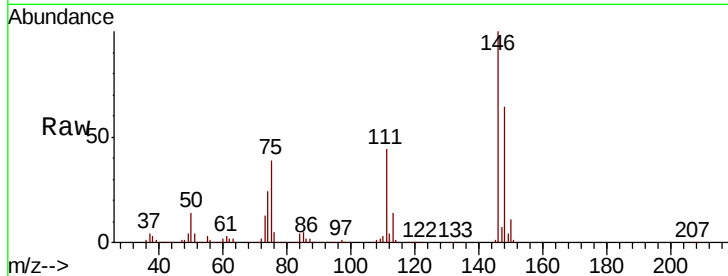




#13
 1,4-Dichlorobenzene
 Concen: 48.582 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

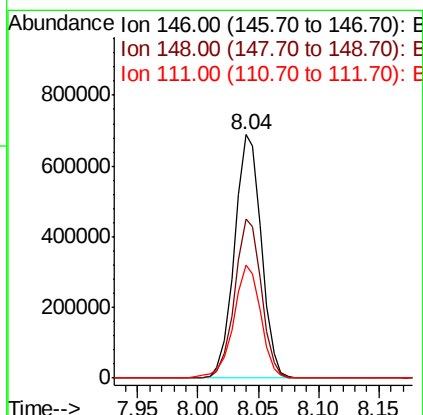
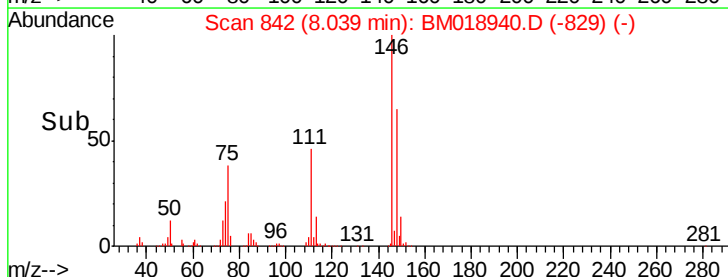
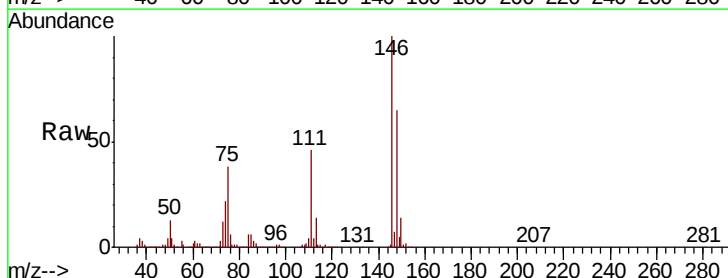
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

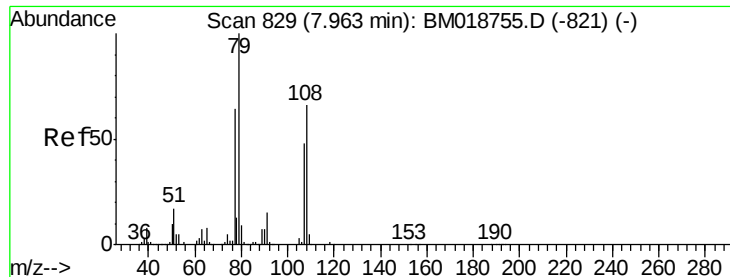
Tgt Ion:146 Resp: 1132358
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 111 43.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 47.582 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:146 Resp: 1065314
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.7 76.1
 111 46.2 35.9 53.9

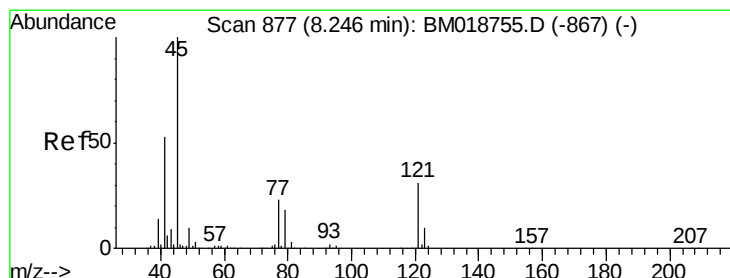
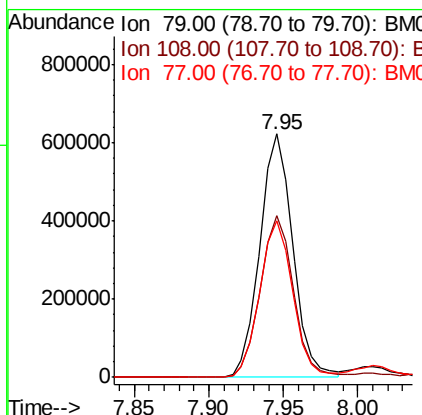
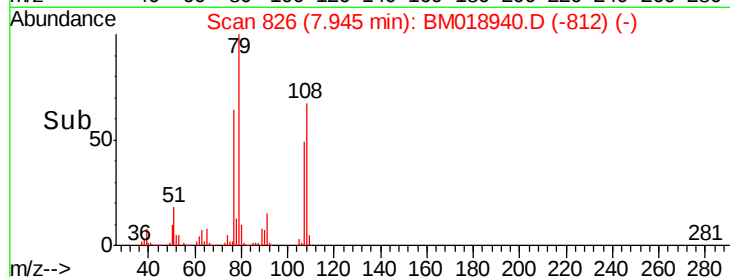
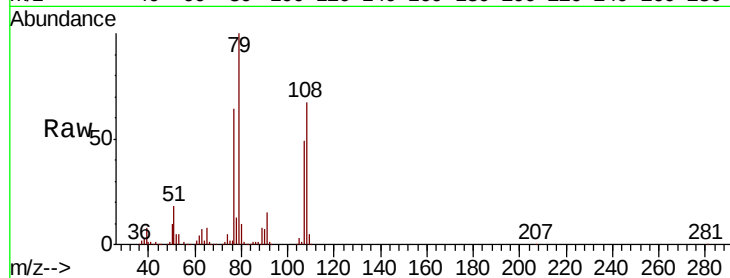




#15
Benzyl Alcohol
Concen: 45.881 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

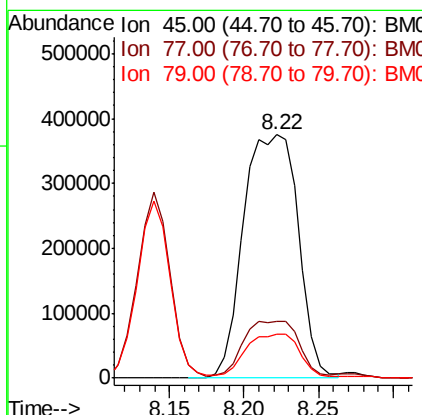
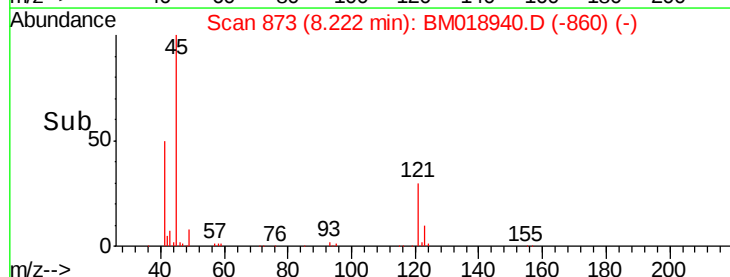
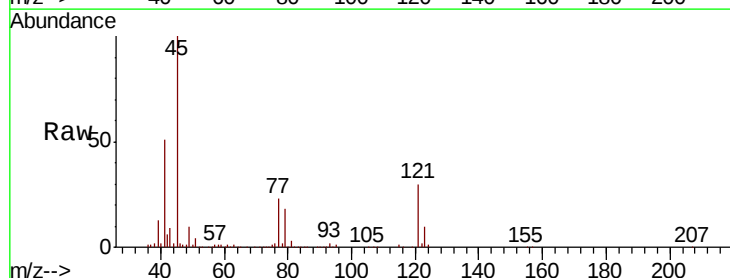
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

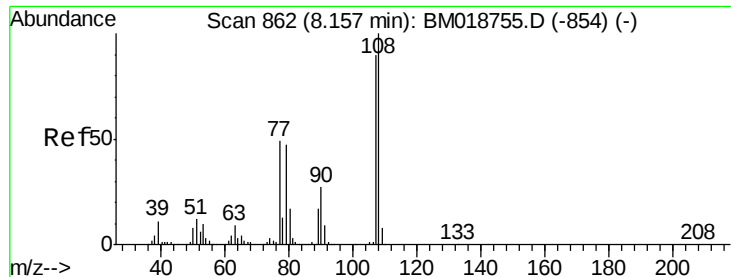
Tgt Ion: 79 Resp: 952456
Ion Ratio Lower Upper
79 100
108 66.6 52.7 79.1
77 64.5 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.901 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion: 45 Resp: 951875
Ion Ratio Lower Upper
45 100
77 23.5 5.0 45.0
79 18.2 0.0 39.3

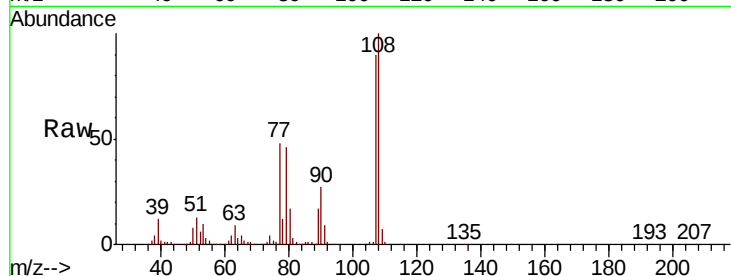




#17
2-Methylphenol
Concen: 46.607 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.8	133.2
77	53.8	44.0	66.0
79	51.0	42.4	63.6



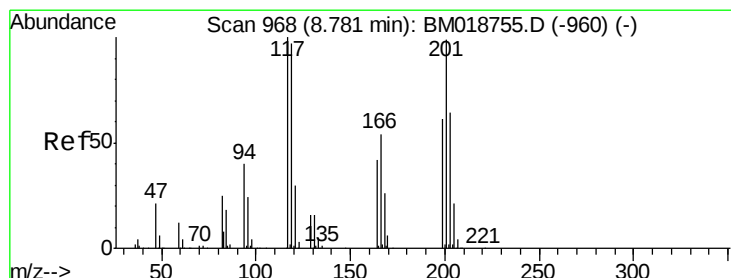
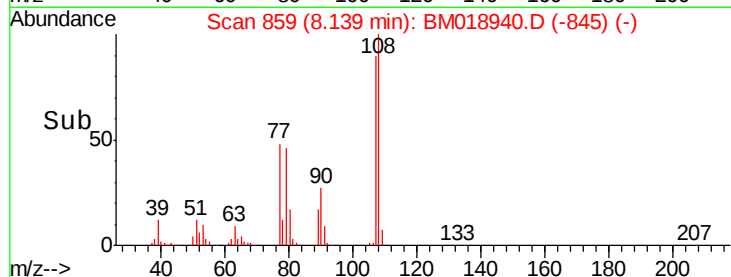
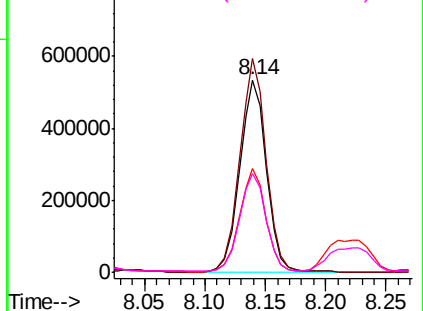
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

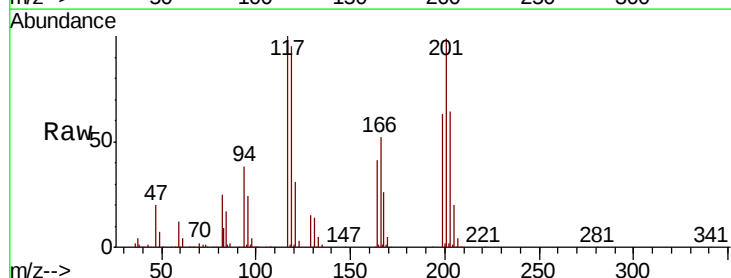
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 48.267 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.9	116.9
201	98.5	79.2	118.8

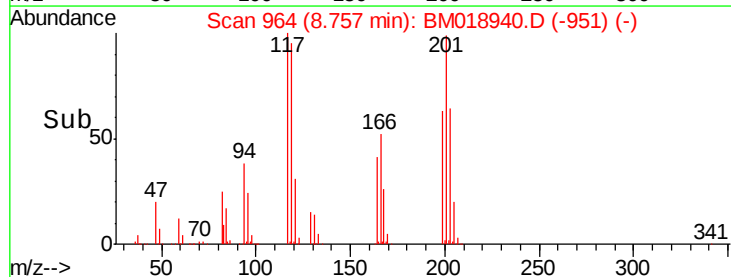
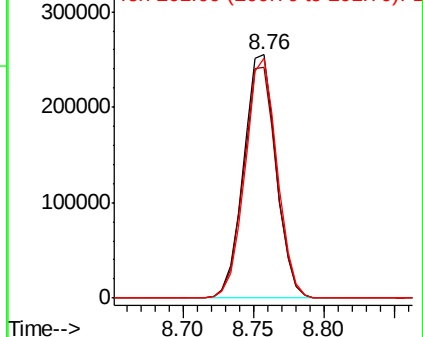


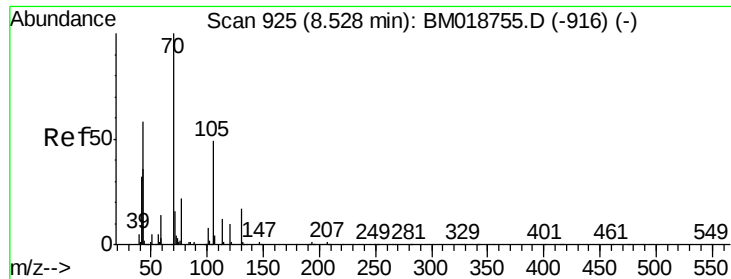
Abundance

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

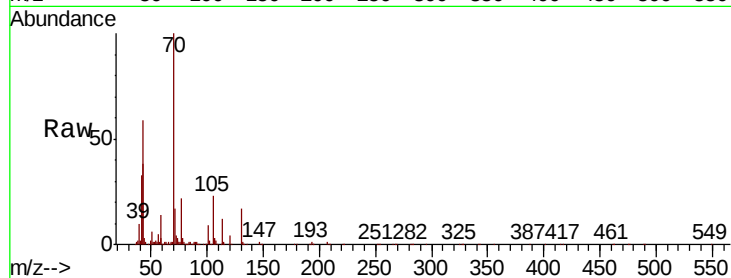




#19
n-Nitroso-di-n-propylamine
Concen: 42.744 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:	70	Resp:	864647
Ion	Ratio	Lower	Upper
70	100		
42	37.8	29.4	44.0
101	8.5	6.7	10.1
130	17.5	14.0	21.0



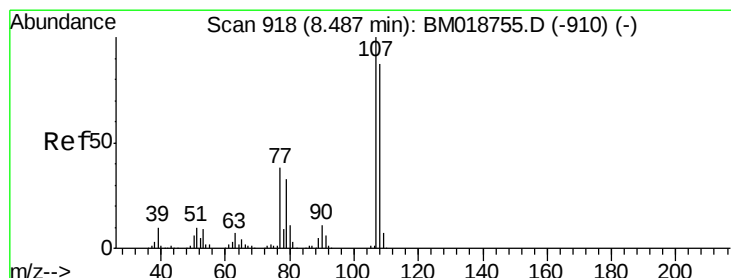
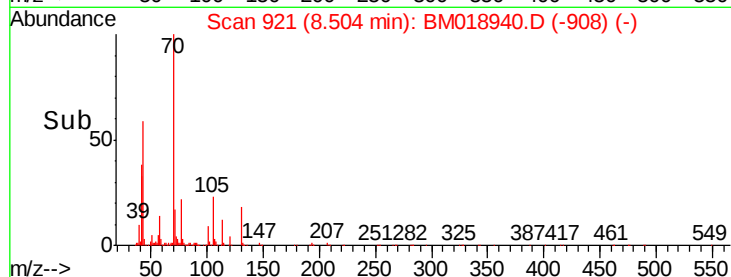
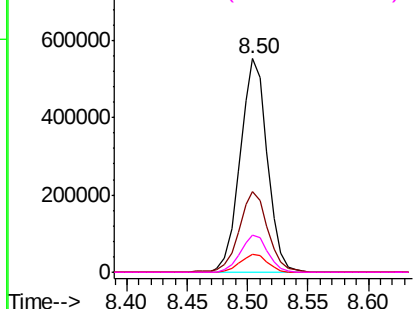
Abundance

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

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

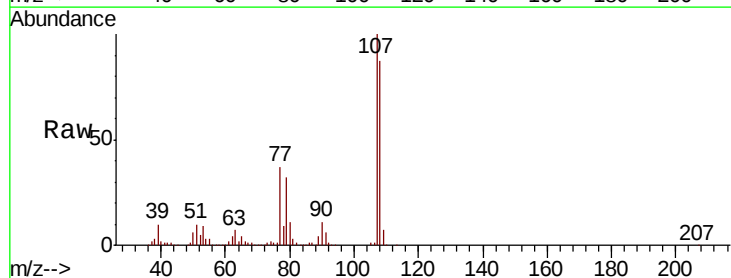
Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)

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



#20
3+4-Methylphenols
Concen: 44.759 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:	107	Resp:	1081367
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.3	107.3
77	37.3	18.0	58.0
79	32.2	12.8	52.8



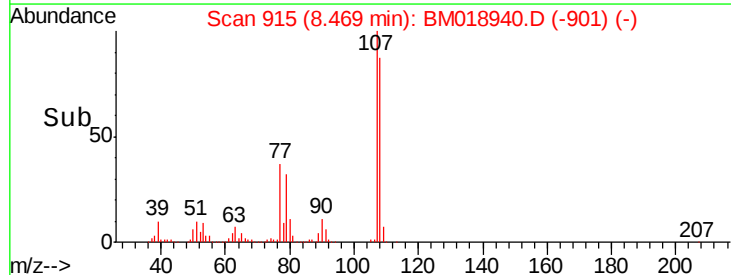
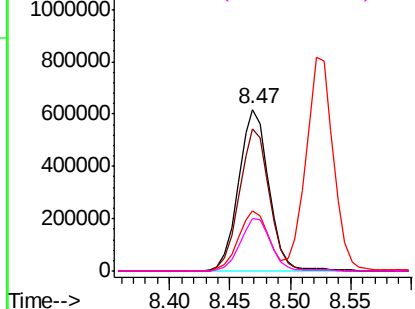
Abundance

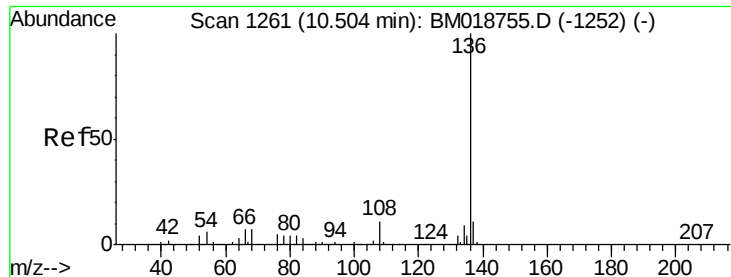
Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

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) (-)

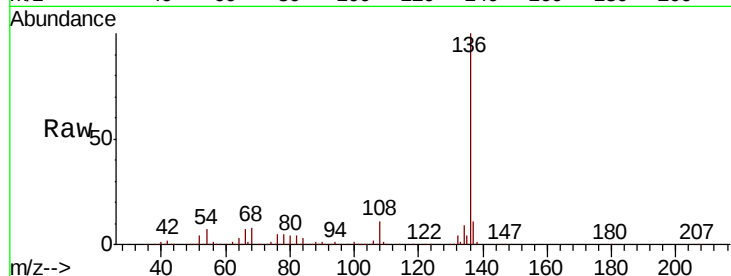




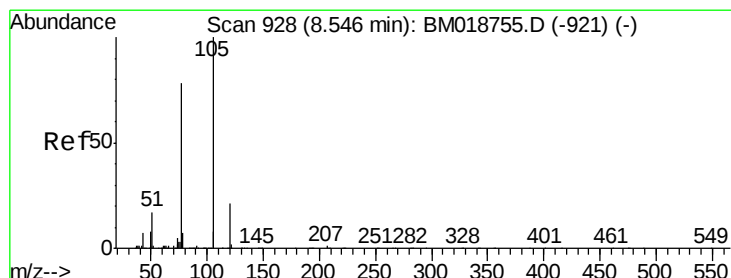
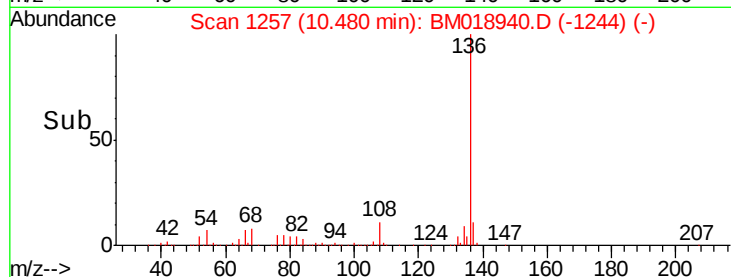
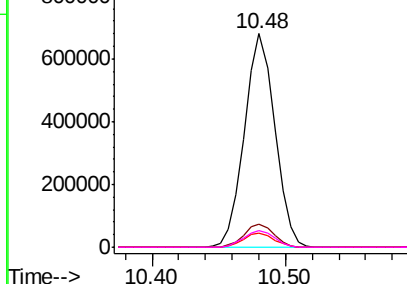
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:136 Resp: 1073535
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.0 7.6
68 7.8 5.5 8.3

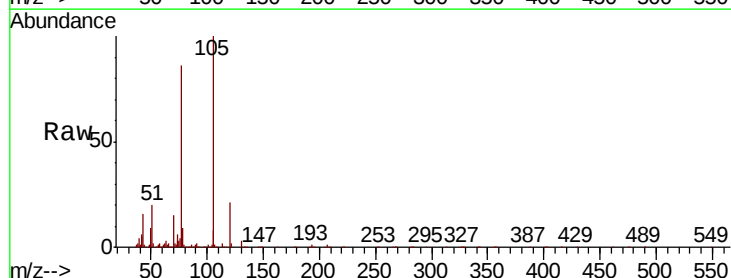


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

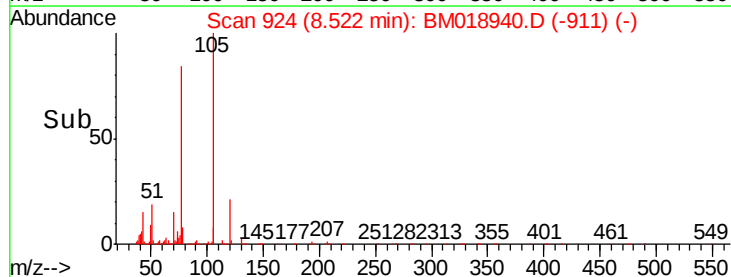
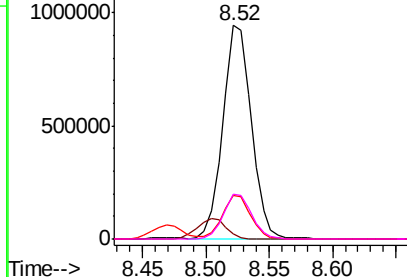


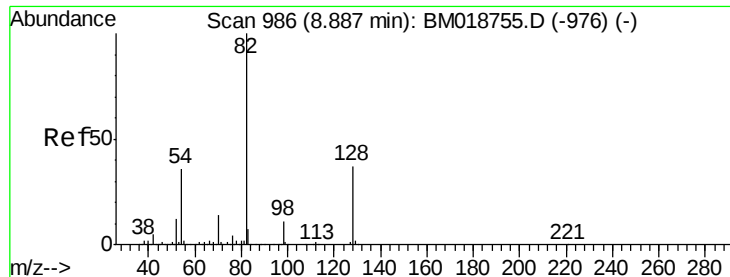
#22
Acetophenone
Concen: 49.644 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:105 Resp: 1463581
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 20.1 15.5 23.3
120 20.7 17.0 25.4



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

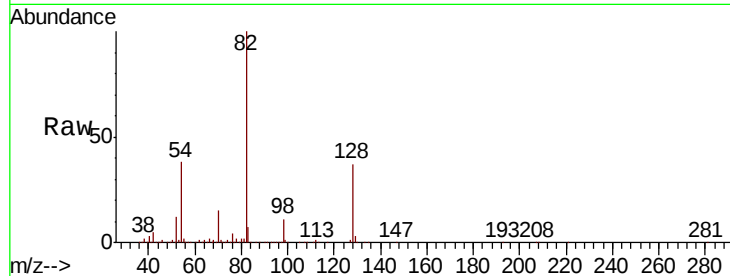




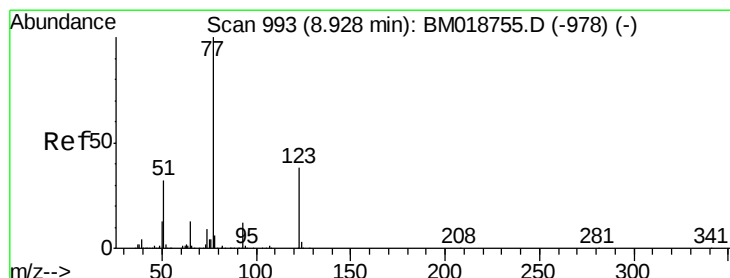
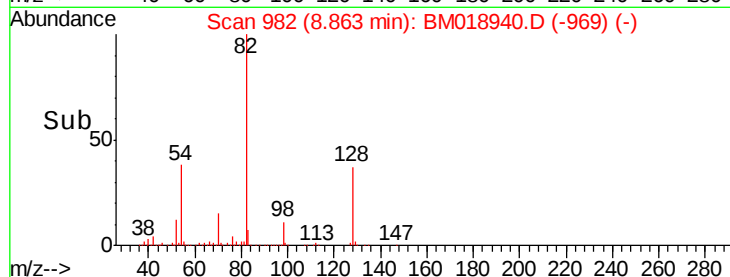
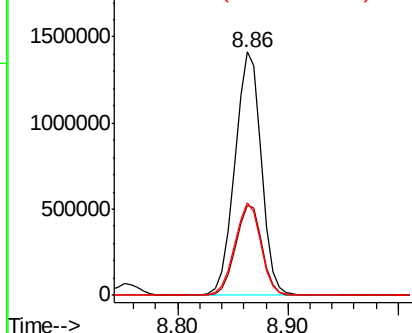
#23
 Nitrobenzene-d5
 Concen: 102.254 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

Tgt Ion: 82 Resp: 2374050
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.9 44.9
 54 37.8 29.1 43.7

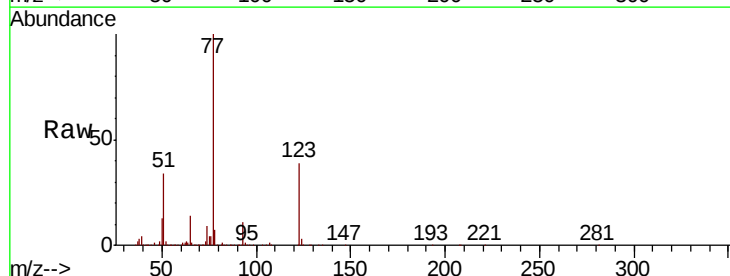


Abundance Ion 82.00 (81.70 to 82.70): BM018940.D (-969) (-)
 Ion 128.00 (127.70 to 128.70): BM018940.D (-969) (-)
 Ion 54.00 (53.70 to 54.70): BM018940.D (-969) (-)

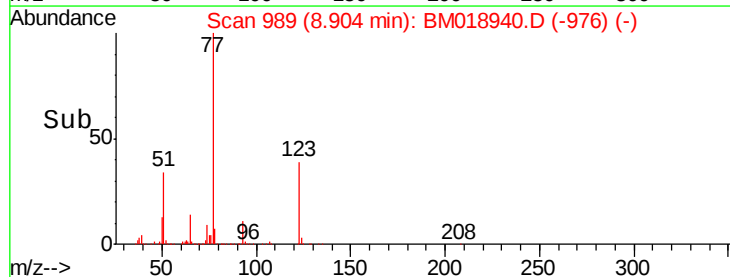
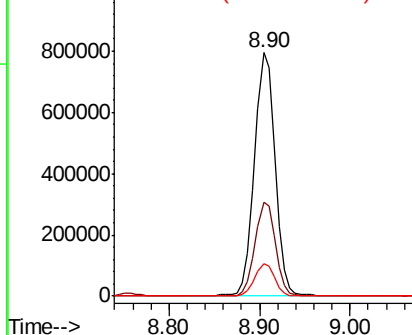


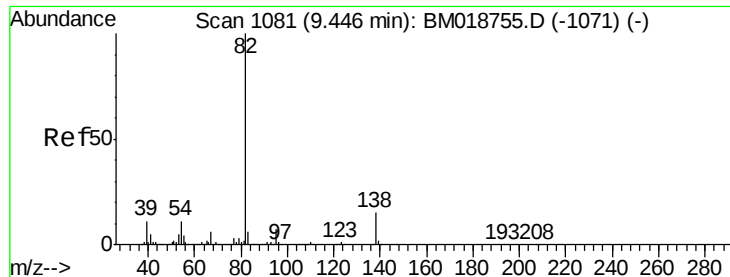
#24
 Nitrobenzene
 Concen: 52.205 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion: 77 Resp: 1258108
 Ion Ratio Lower Upper
 77 100
 123 38.6 30.7 46.1
 65 13.6 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018940.D (-976) (-)
 Ion 123.00 (122.70 to 123.70): BM018940.D (-976) (-)
 Ion 65.00 (64.70 to 65.70): BM018940.D (-976) (-)





#25

Isophorone

Concen: 55.240 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

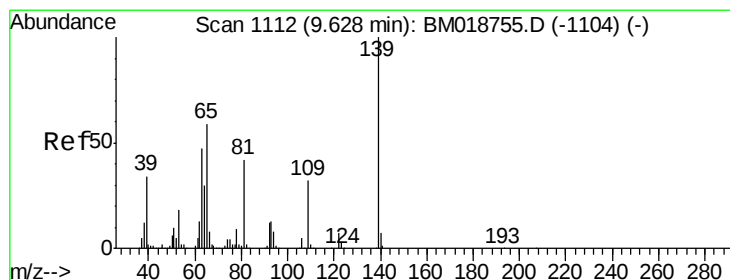
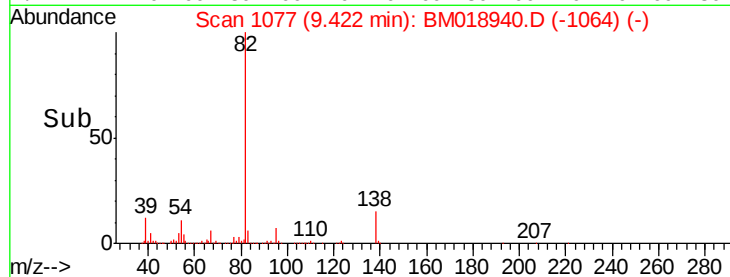
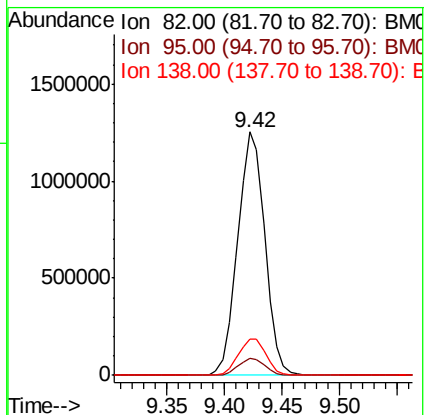
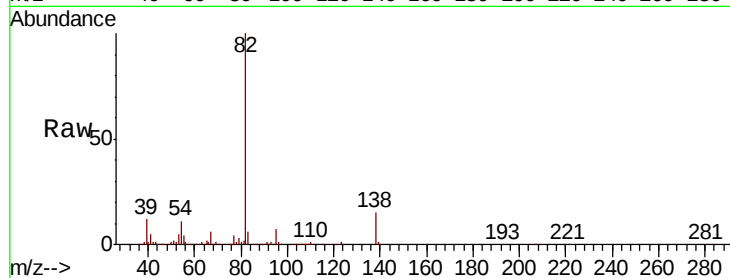
Tgt Ion: 82 Resp: 2046384

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 15.0 12.3 18.5



#26

2-Nitrophenol

Concen: 53.556 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

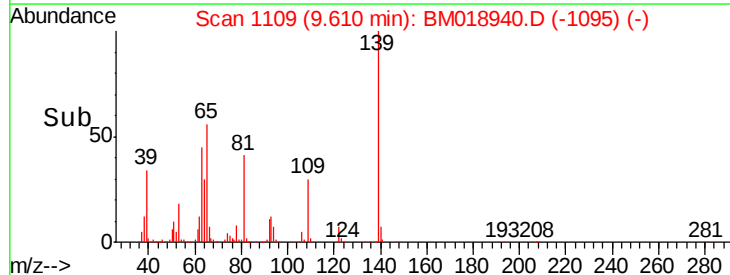
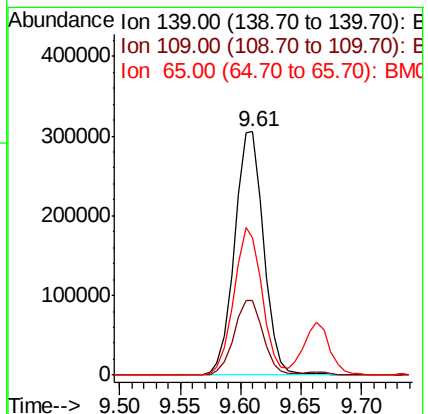
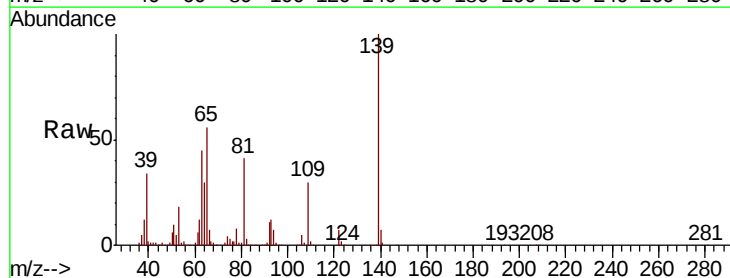
Tgt Ion: 139 Resp: 513997

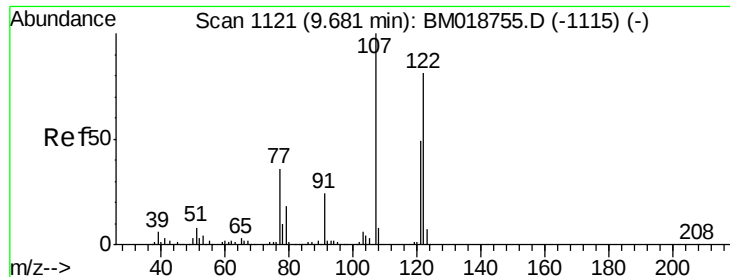
Ion Ratio Lower Upper

139 100

109 30.4 25.2 37.8

65 56.3 47.0 70.4

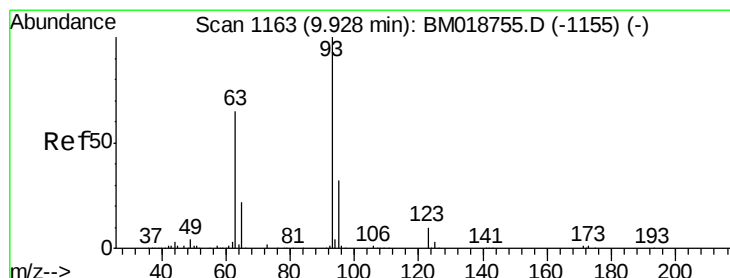
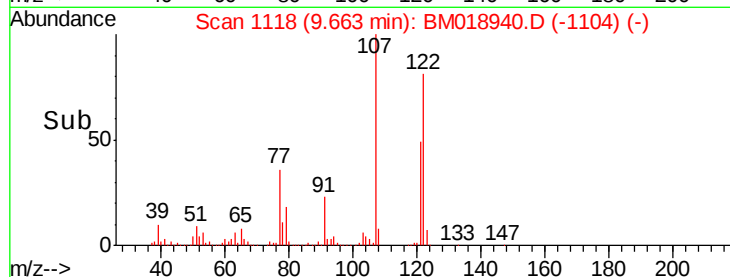
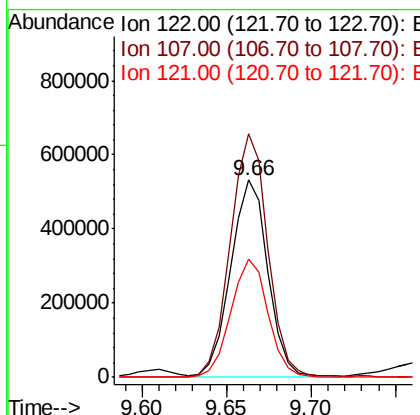
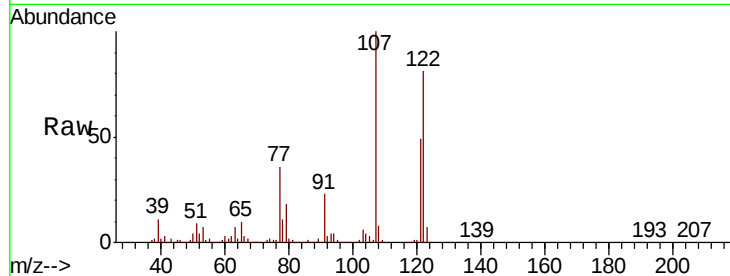




#27
 2,4-Dimethylphenol
 Concen: 57.595 ng
 RT: 9.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

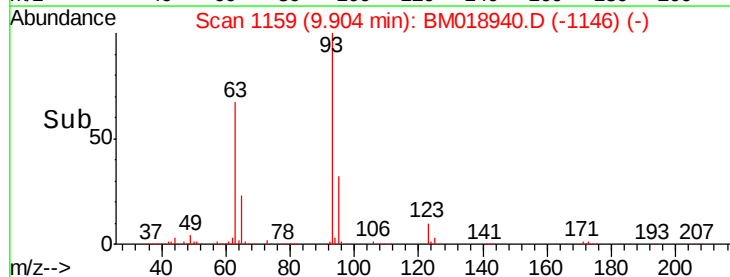
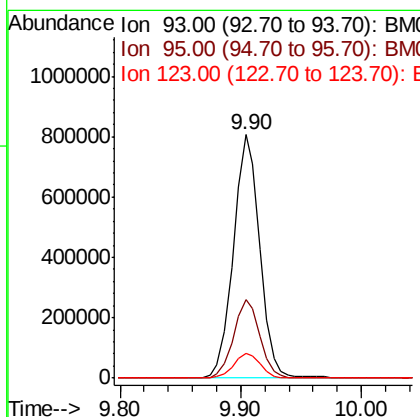
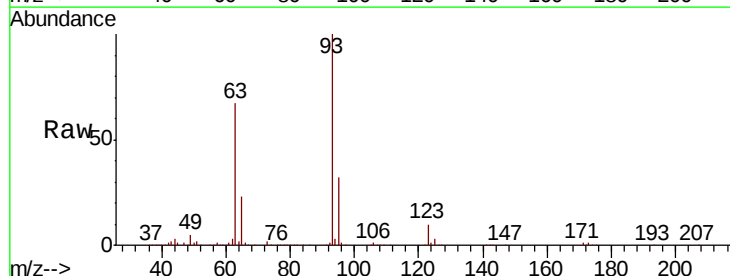
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

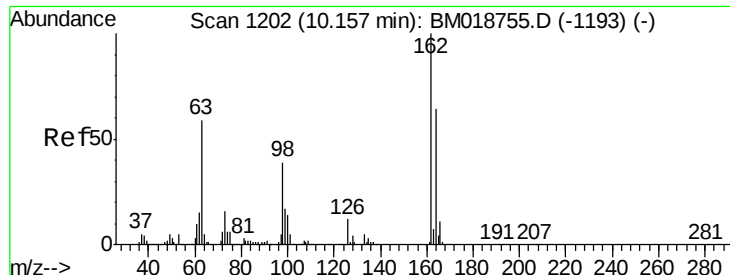
Tgt Ion: 122 Resp: 807344
 Ion Ratio Lower Upper
 122 100
 107 123.4 97.6 146.4
 121 60.0 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.154 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion: 93 Resp: 1225442
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.6 38.4
 123 10.0 8.2 12.4

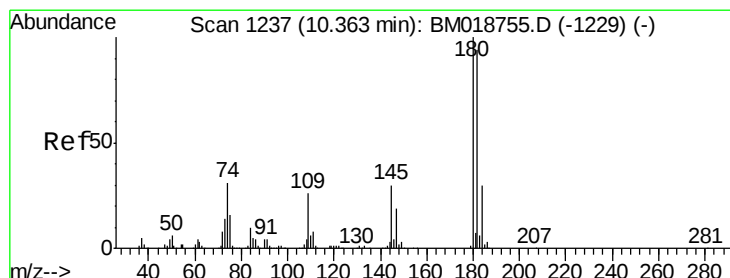
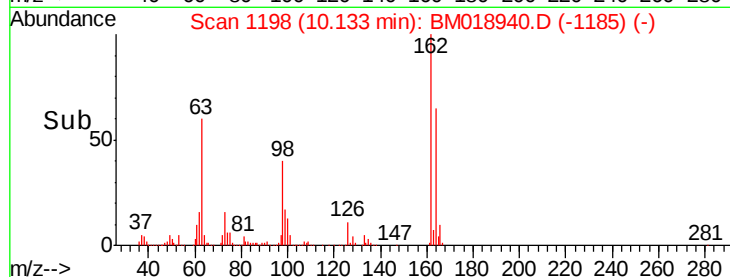
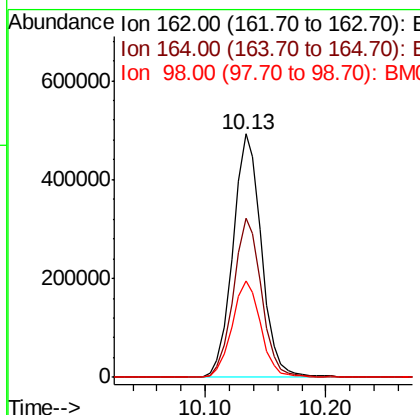
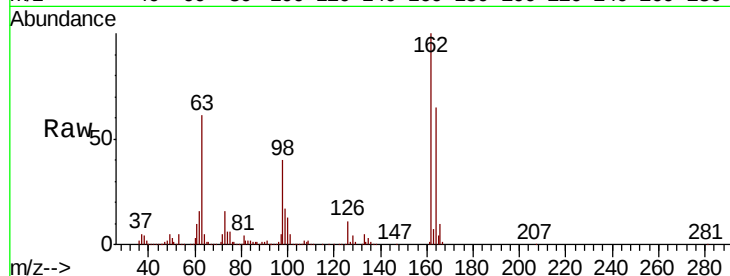




#29
2,4-Dichlorophenol
Concen: 50.360 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

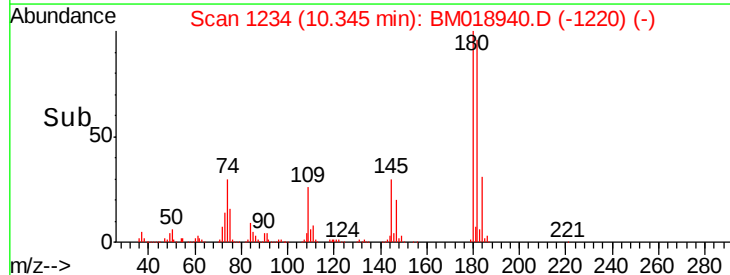
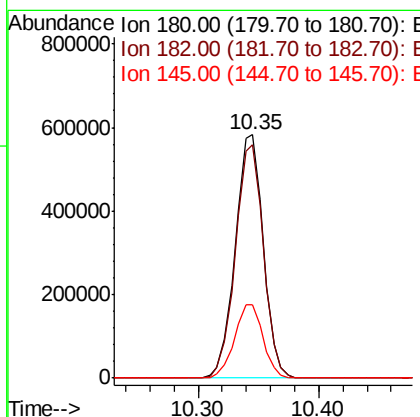
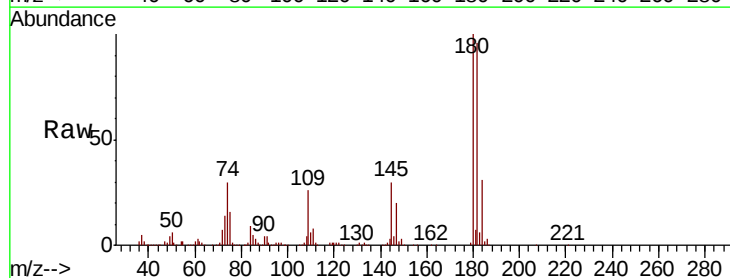
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

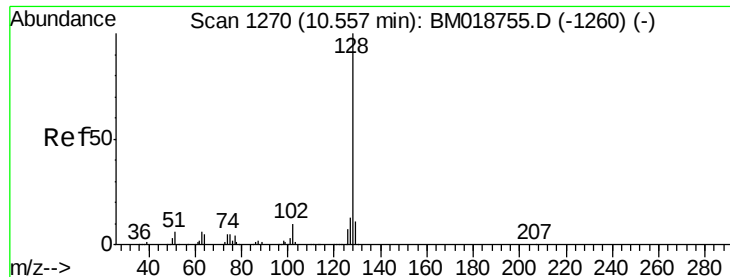
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	39.8	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 50.817 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.6
145	30.3	24.1	36.1

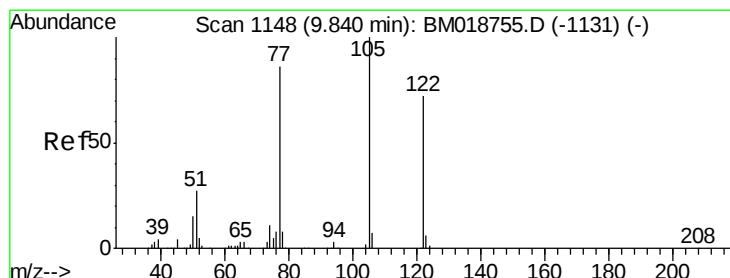
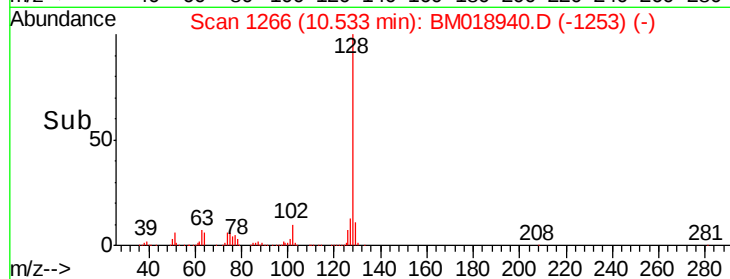
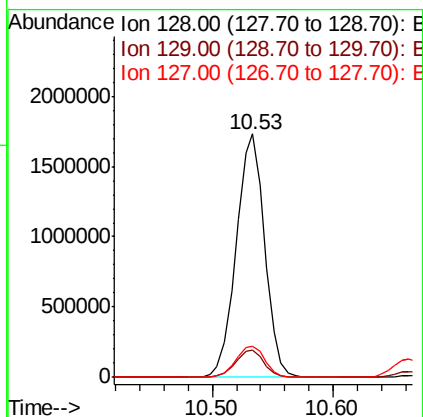
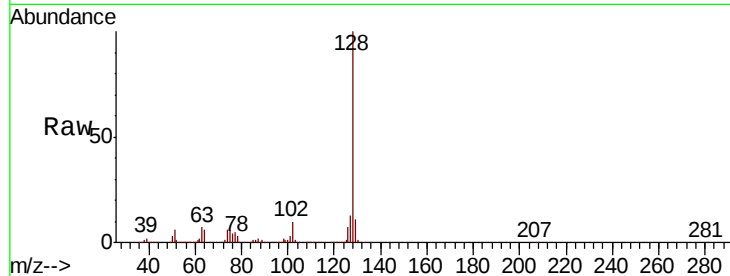




#31
Naphthalene
Concen: 54.065 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

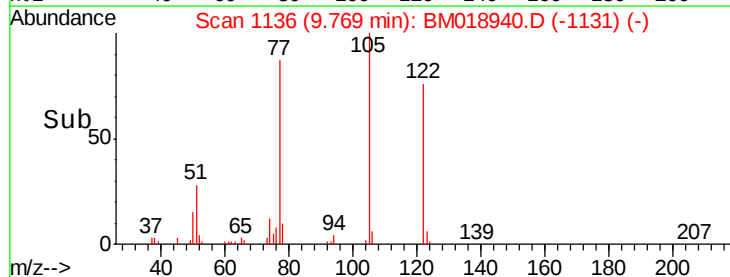
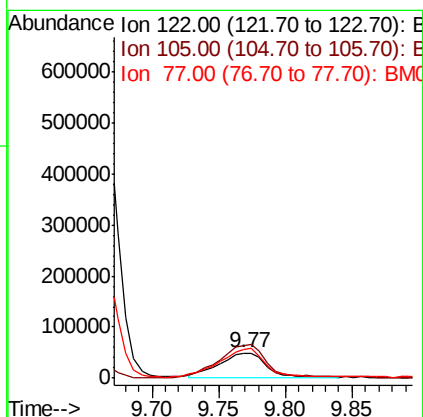
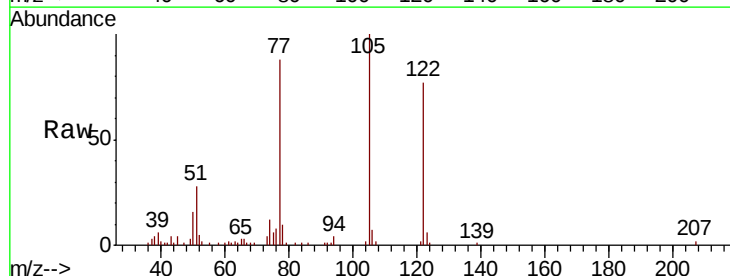
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

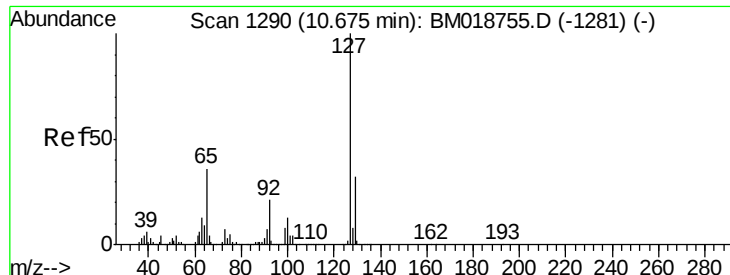
Tgt Ion:128 Resp: 2830681
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 9.275 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.07 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:122 Resp: 113411
Ion Ratio Lower Upper
122 100
105 129.6 117.5 157.5
77 114.4 98.5 138.5

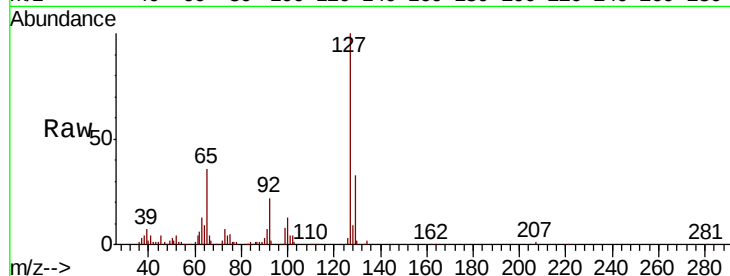




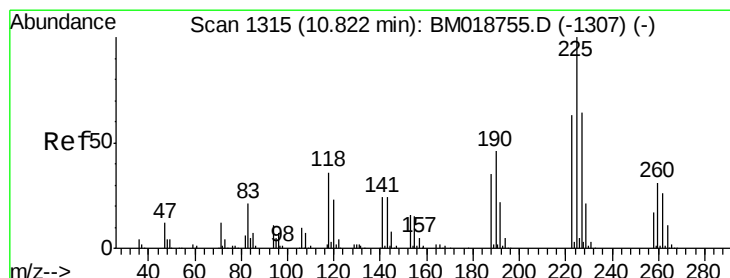
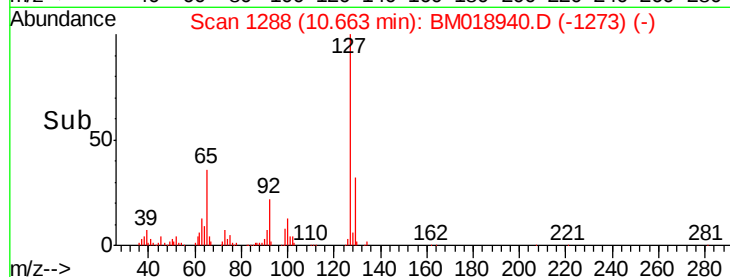
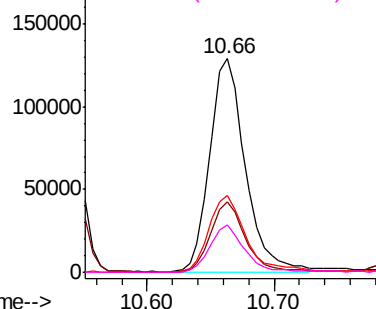
#33
4-Chloroaniline
Concen: 10.772 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:	127	Resp:	252111
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	35.8	28.7	43.1
92	21.9	17.0	25.4

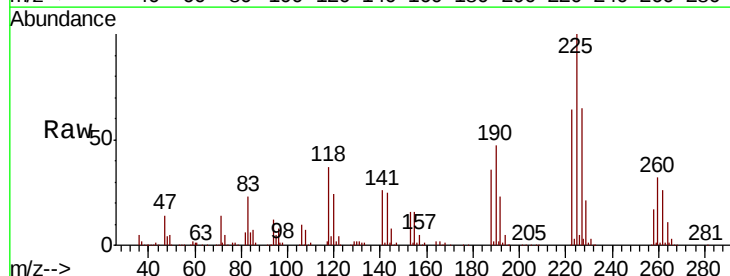


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

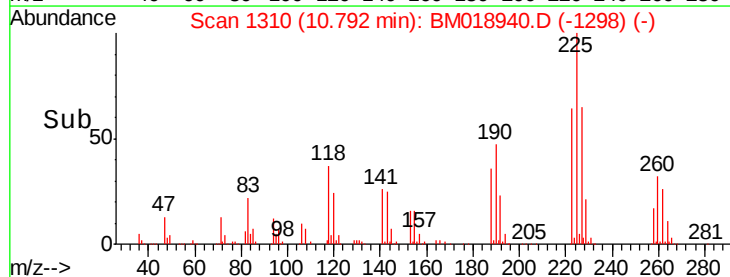
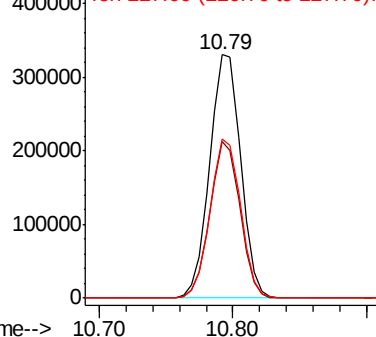


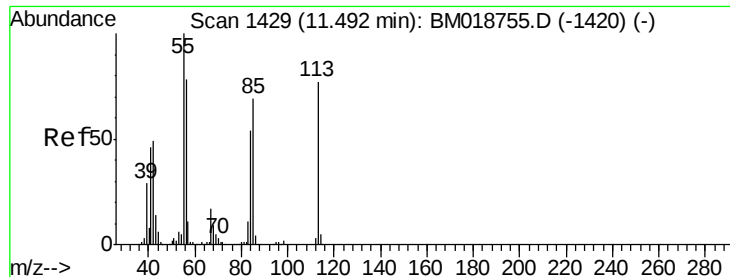
#34
Hexachlorobutadiene
Concen: 49.122 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:	225	Resp:	529988
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.1	75.1
227	65.4	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.311 ng

RT: 11.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

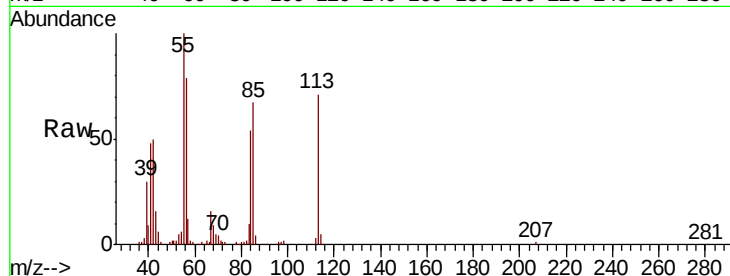
Tgt Ion:113 Resp: 192536

Ion Ratio Lower Upper

113 100

55 140.7 110.7 150.7

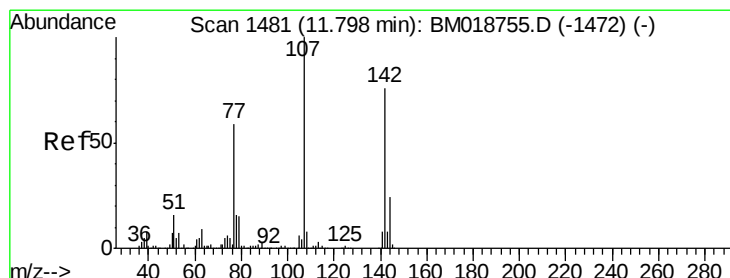
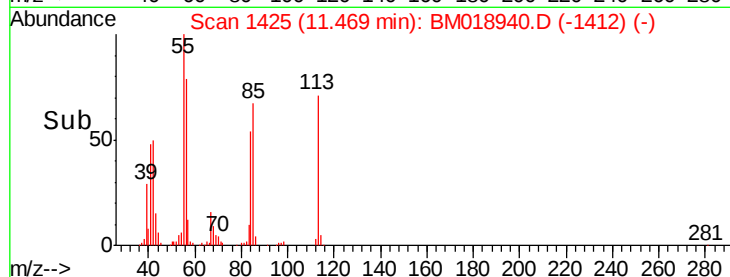
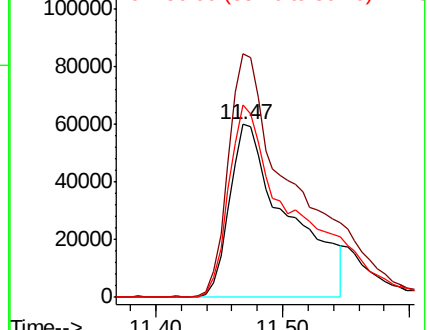
56 111.5 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.488 ng

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

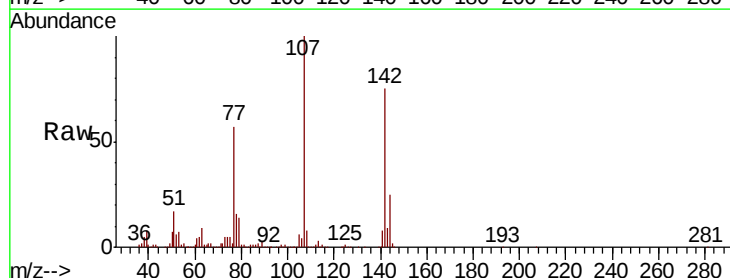
Tgt Ion:107 Resp: 843914

Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

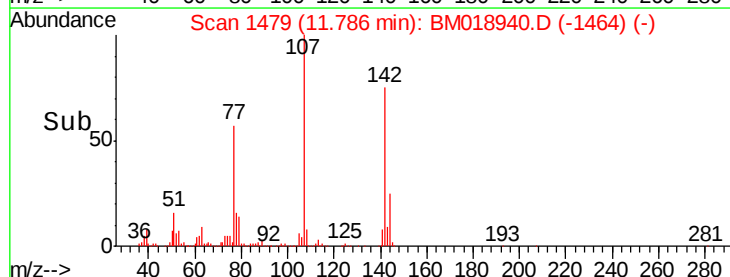
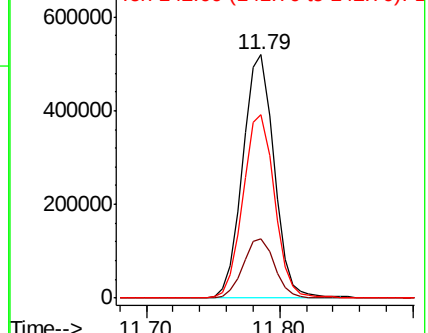
142 75.4 60.5 90.7

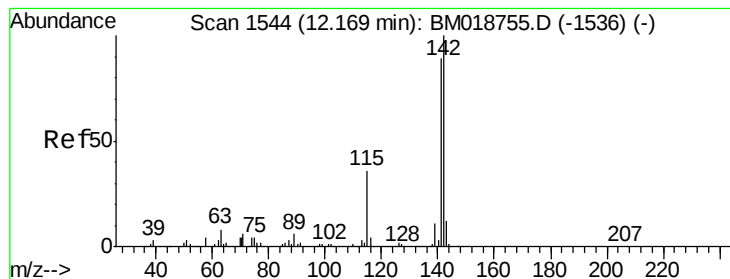


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.690 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

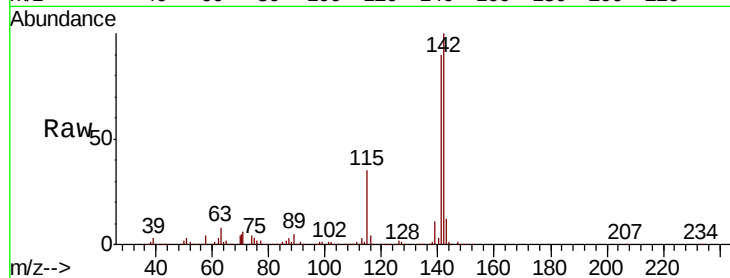
Tgt Ion:142 Resp: 1905438

Ion Ratio Lower Upper

142 100

141 89.7 71.2 106.8

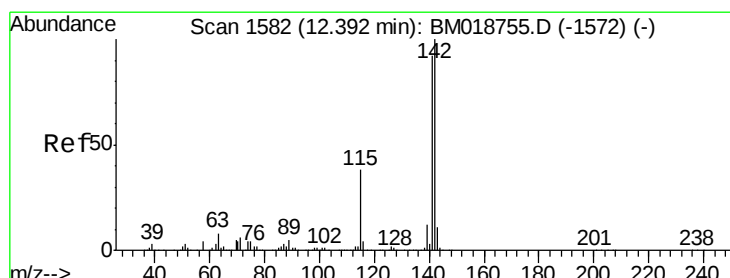
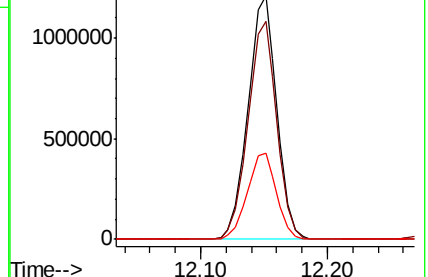
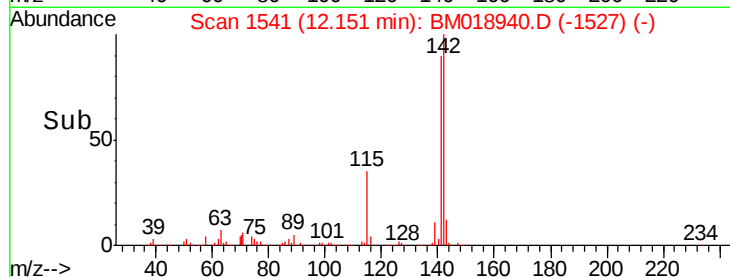
115 35.5 29.1 43.7



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: 49.269 ng

RT: 12.37 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

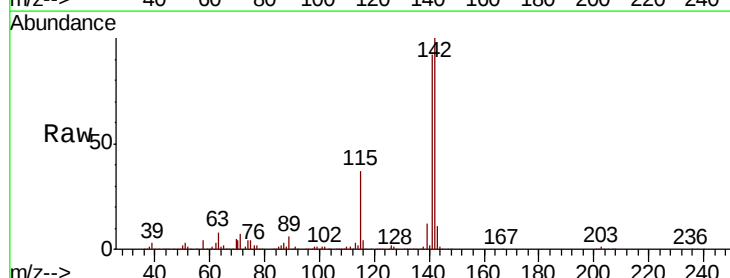
Tgt Ion:142 Resp: 1776011

Ion Ratio Lower Upper

142 100

141 91.6 73.9 110.9

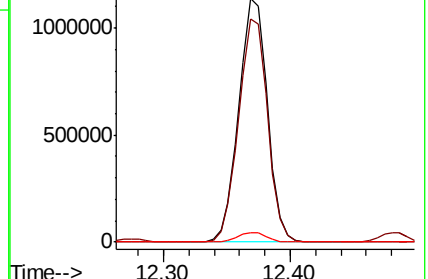
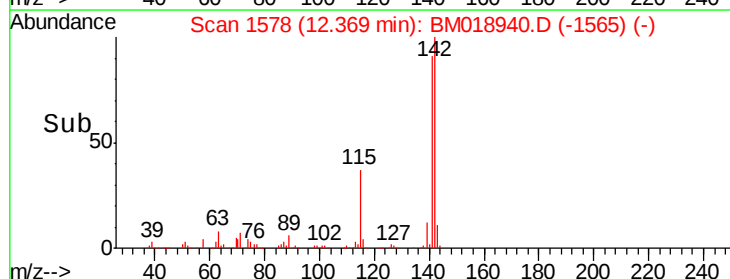
116 3.6 3.0 4.4

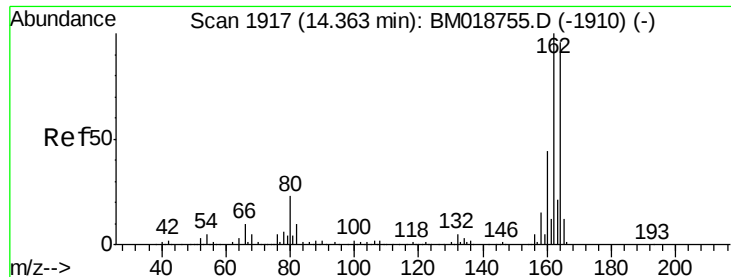


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

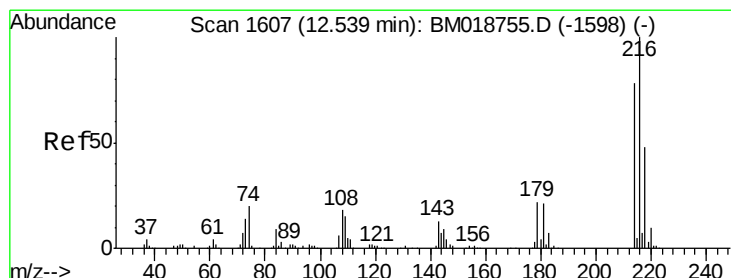
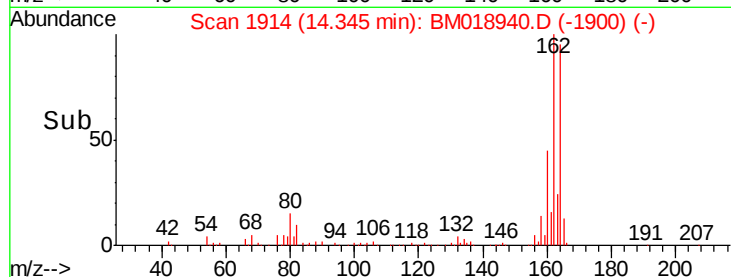
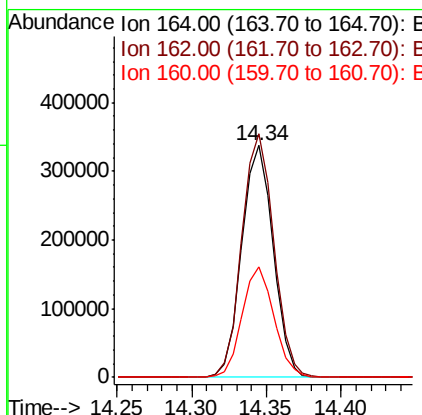
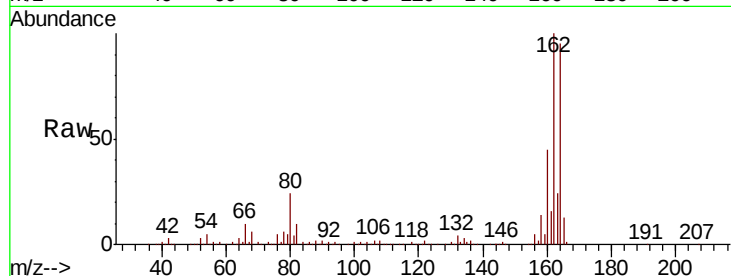




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

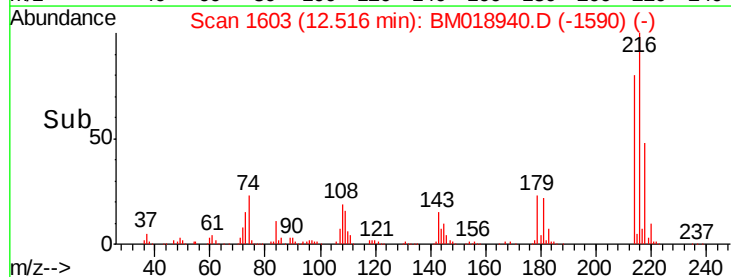
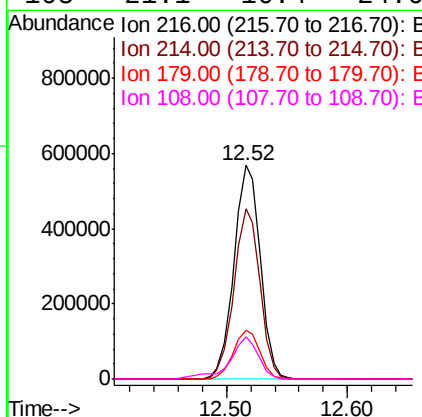
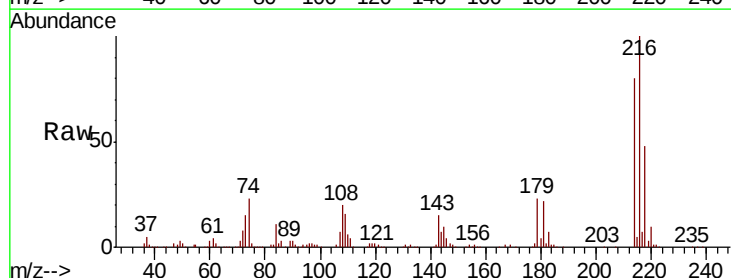
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

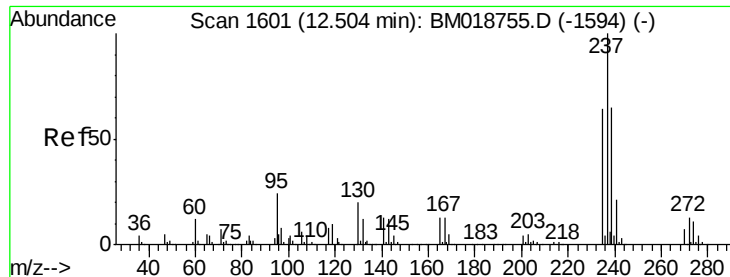
Tgt Ion:164 Resp: 492368
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.4 125.0
 160 47.7 36.6 55.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.956 ng
 RT: 12.52 min Scan# 1603
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:216 Resp: 865574
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.2 94.8
 179 23.0 17.8 26.8
 108 21.1 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 66.899 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

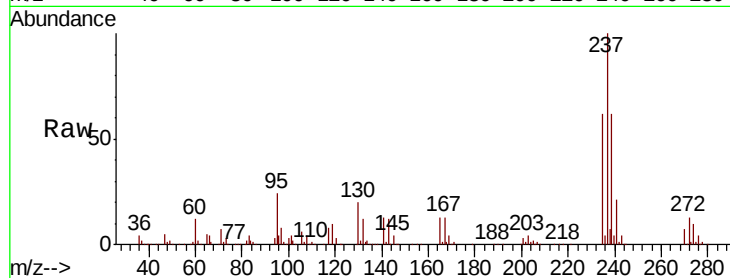
Tgt Ion:237 Resp: 538720

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

272 12.6 0.0 33.3

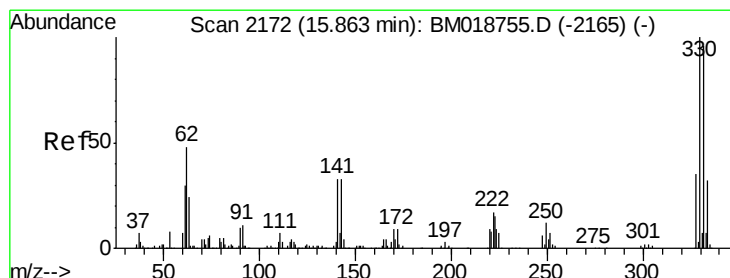
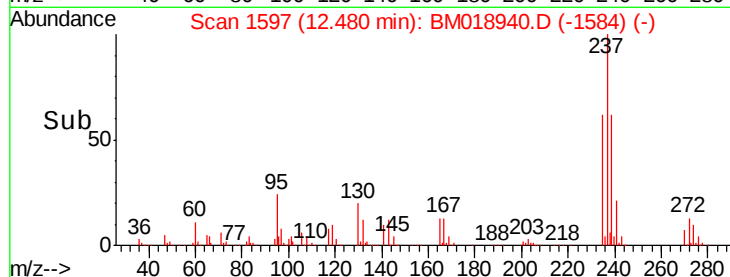
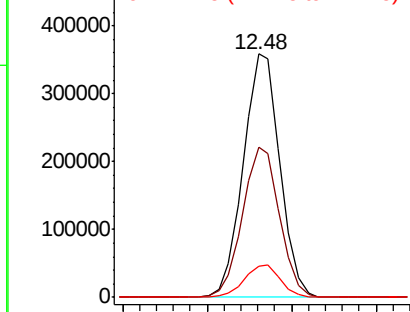


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.534 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

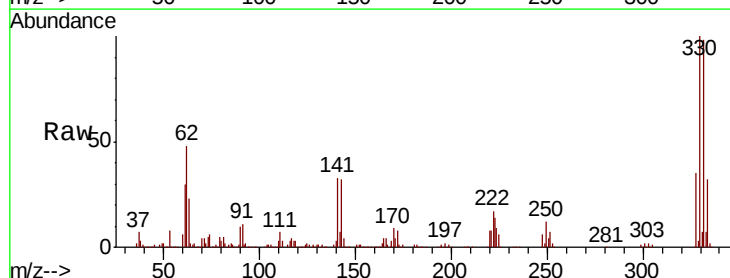
Tgt Ion:330 Resp: 933546

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 35.2 28.7 43.1

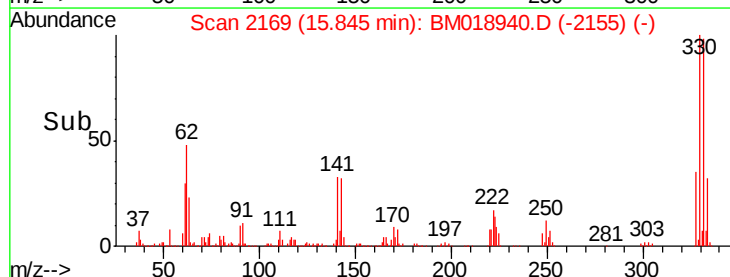
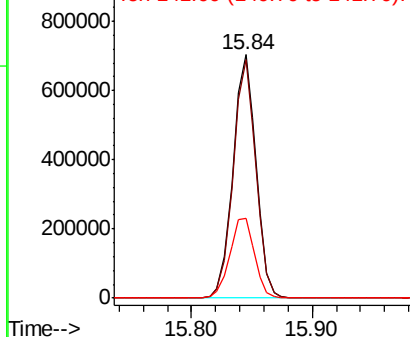


Abundance

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

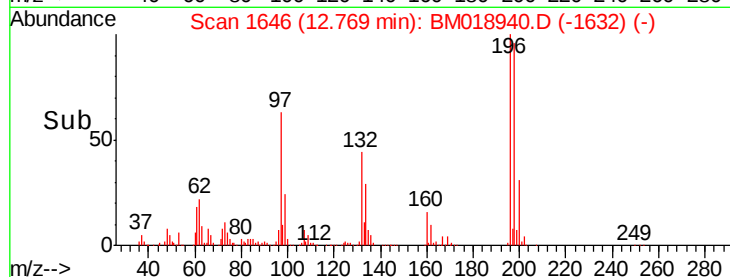
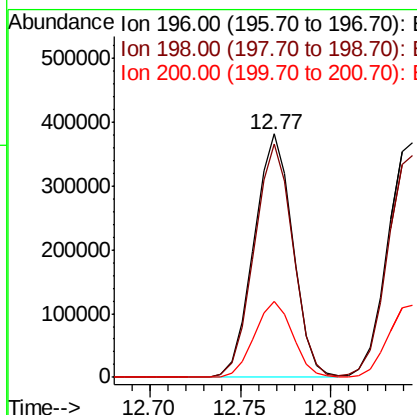
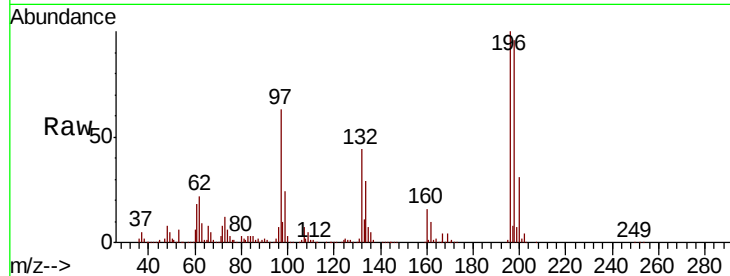




#43
 2,4,6-Trichlorophenol
 Concen: 54.571 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

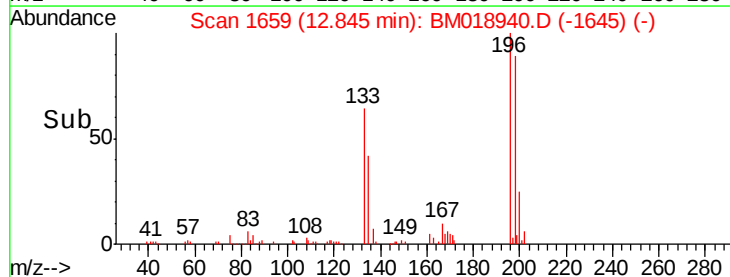
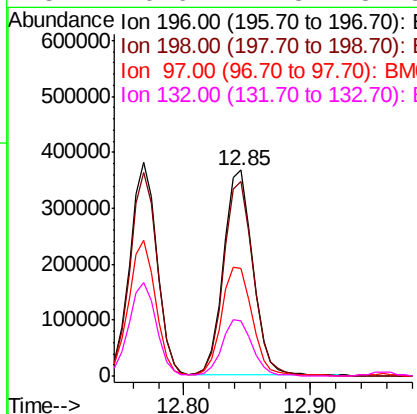
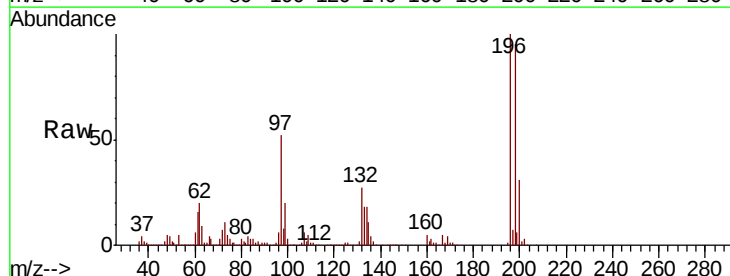
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

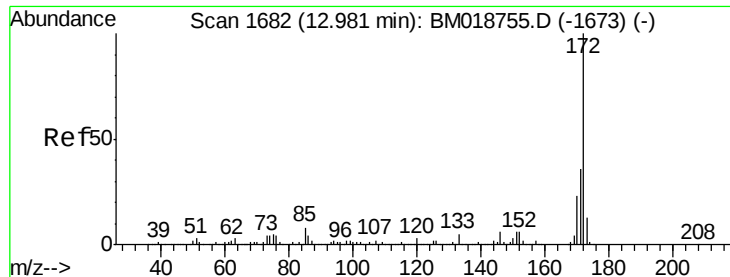
Tgt Ion:	196	Resp:	569003
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.2	114.2
200	31.4	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 53.888 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:	196	Resp:	588925
Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.6	116.4
97	52.2	42.8	64.2
132	26.6	21.8	32.8

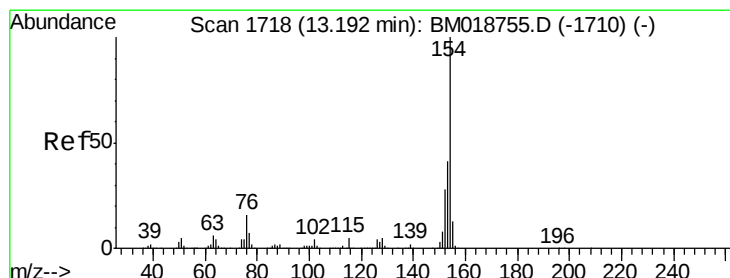
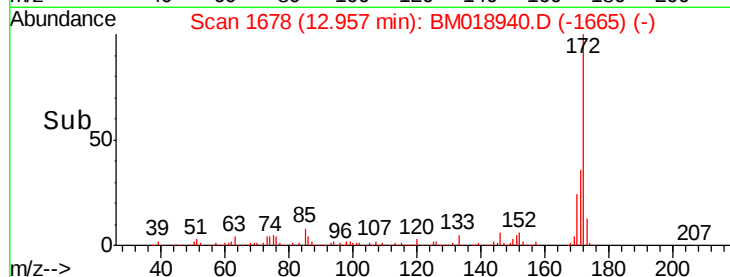
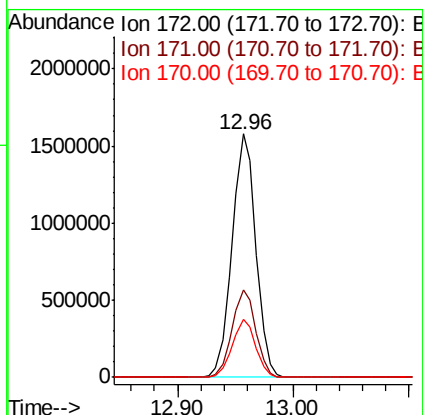
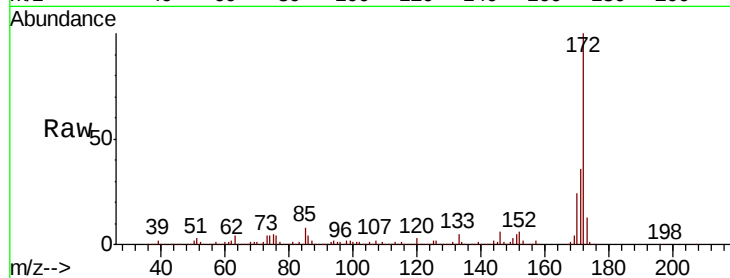




#45
2-Fluorobiphenyl
Concen: 60.468 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

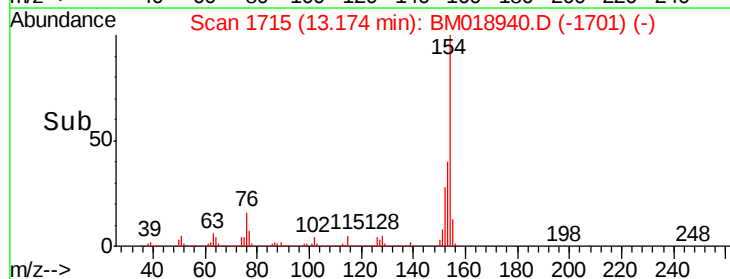
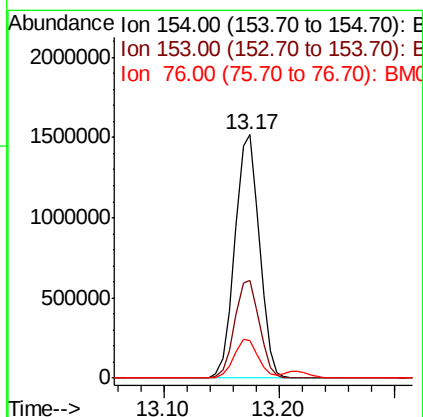
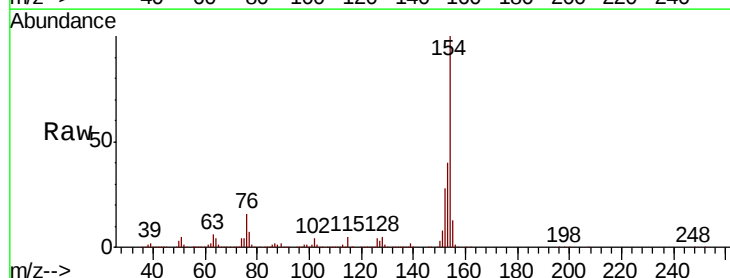
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

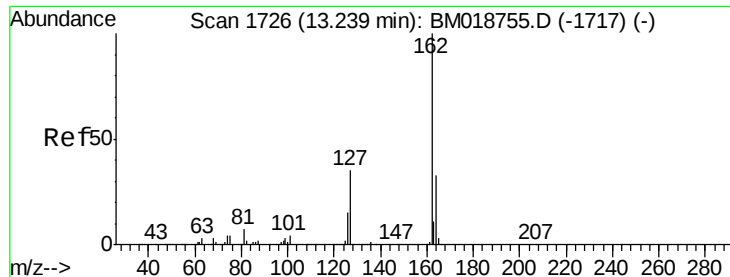
Tgt Ion:172 Resp: 2242780
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 52.575 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:154 Resp: 2228236
Ion Ratio Lower Upper
154 100
153 40.2 21.1 61.1
76 15.5 0.0 35.7

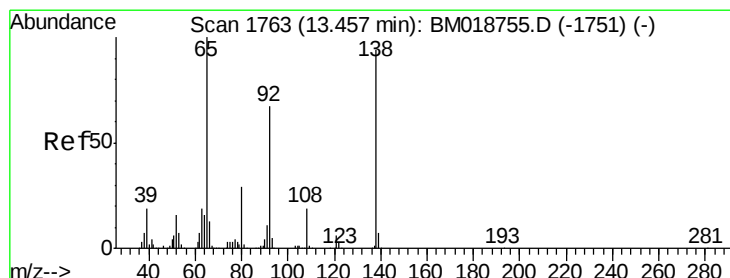
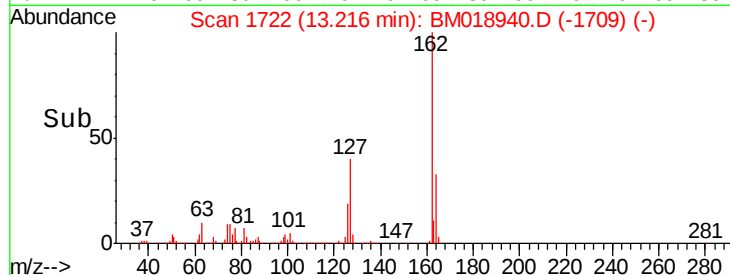
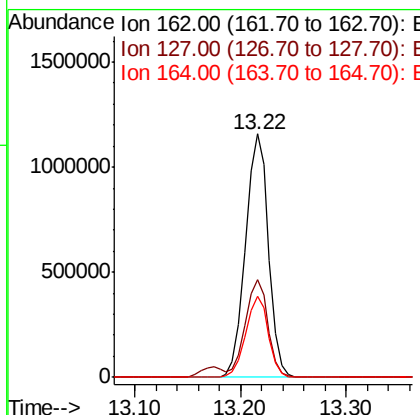
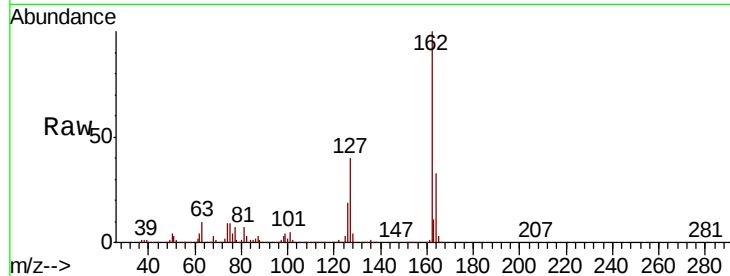




#47
 2-Chloronaphthalene
 Concen: 53.315 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

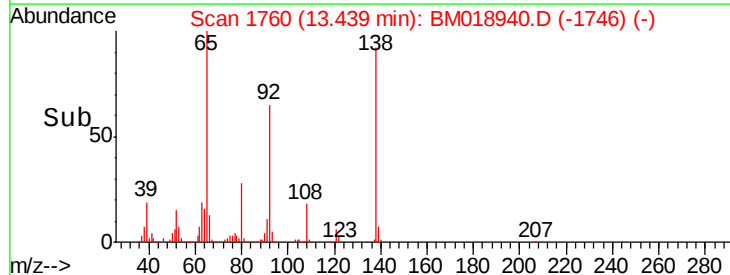
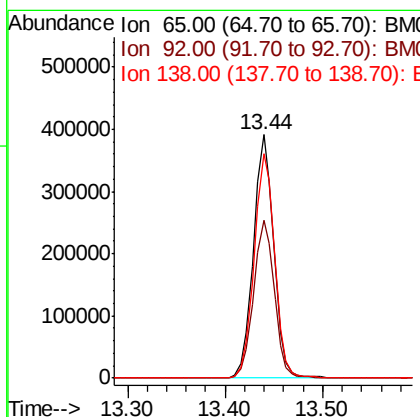
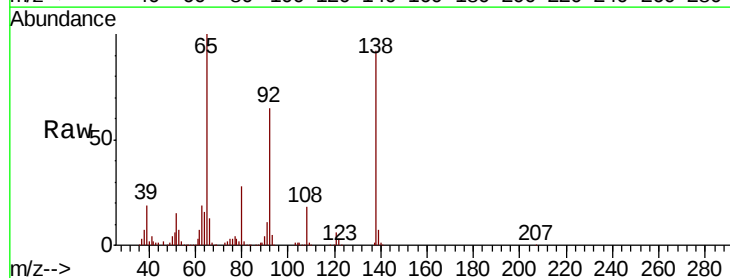
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

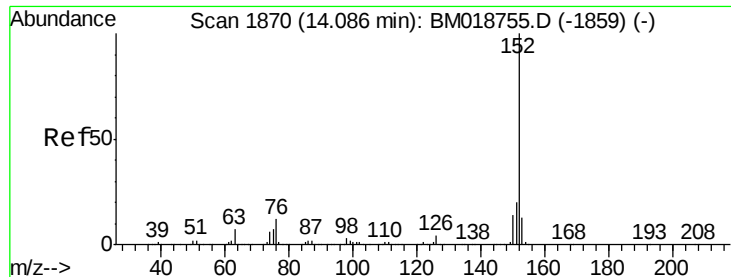
Tgt Ion: 162 Resp: 1745273
 Ion Ratio Lower Upper
 162 100
 127 39.9 31.1 46.7
 164 33.1 26.4 39.6



#48
 2-Nitroaniline
 Concen: 52.301 ng
 RT: 13.44 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion: 65 Resp: 568621
 Ion Ratio Lower Upper
 65 100
 92 64.9 54.0 81.0
 138 92.1 74.9 112.3





#49

Acenaphthylene

Concen: 54.553 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

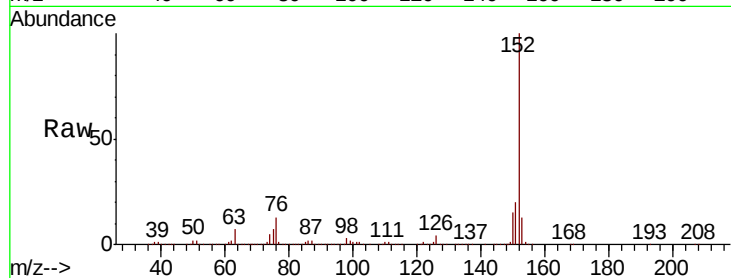
Tgt Ion:152 Resp: 2659068

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

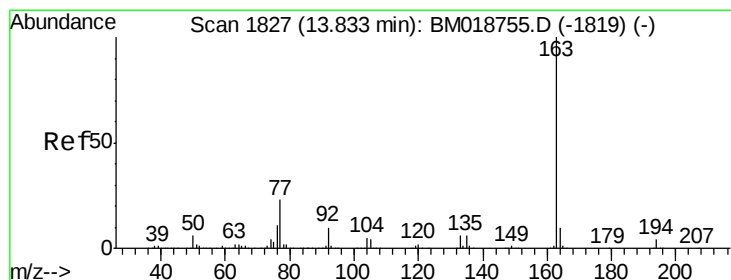
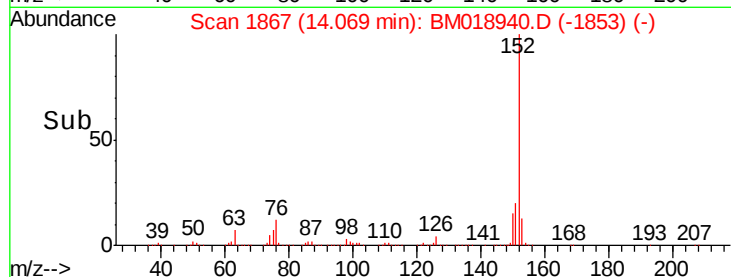
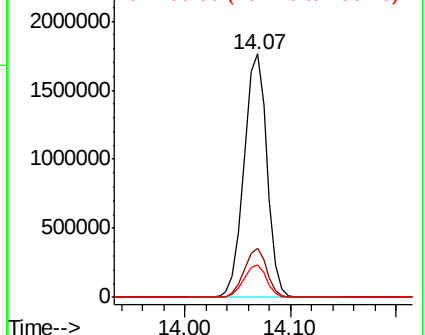
153 13.1 10.5 15.7



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: 53.685 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

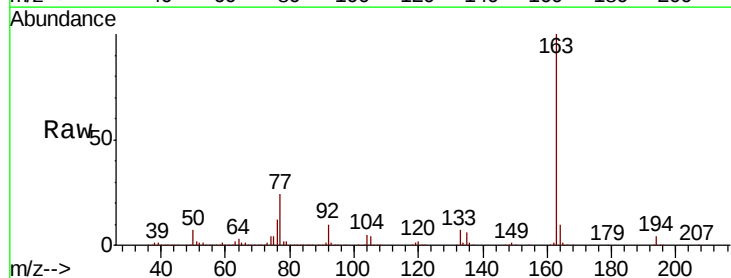
Tgt Ion:163 Resp: 2202905

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

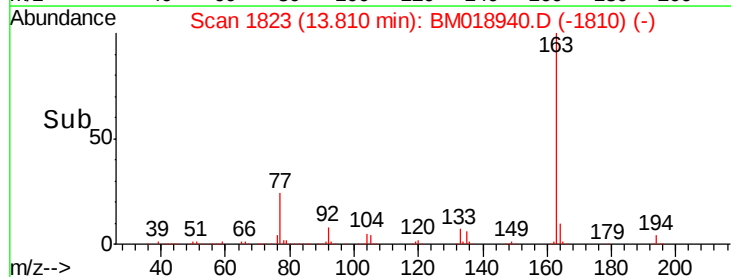
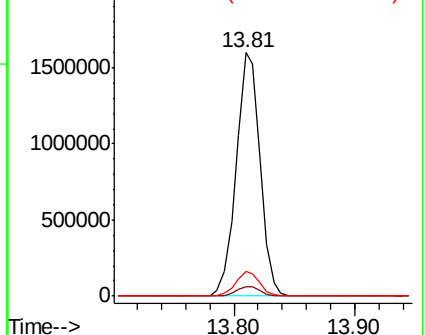
164 10.1 7.8 11.8

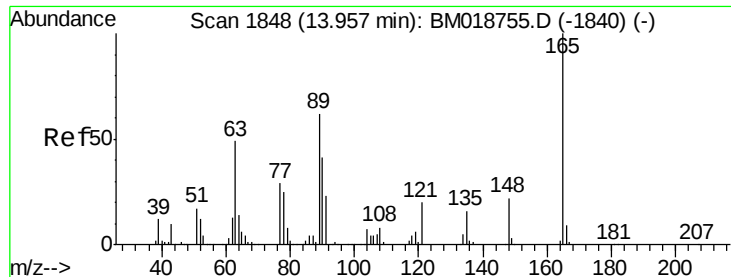


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

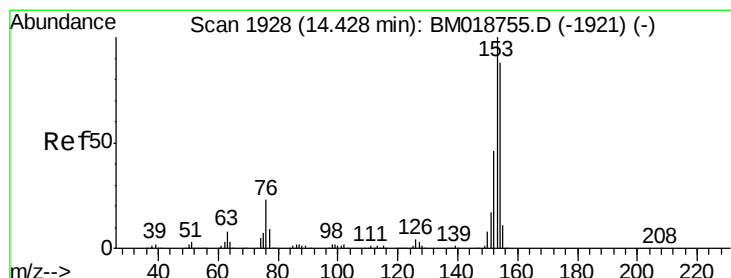
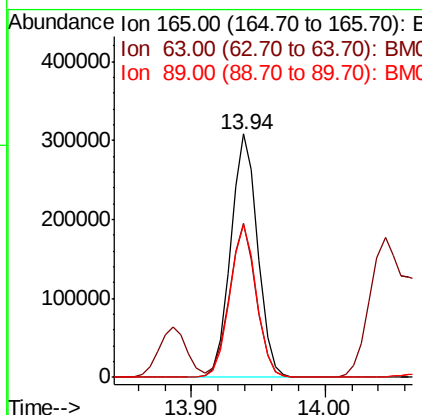
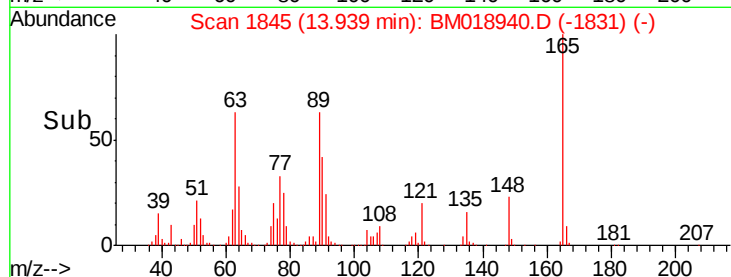
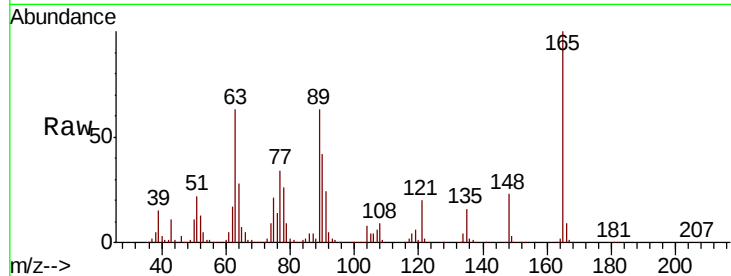




#51
2,6-Dinitrotoluene
Concen: 48.647 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

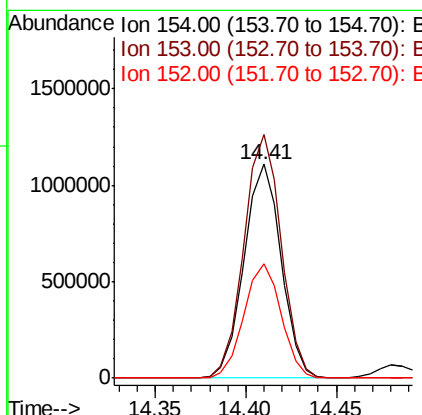
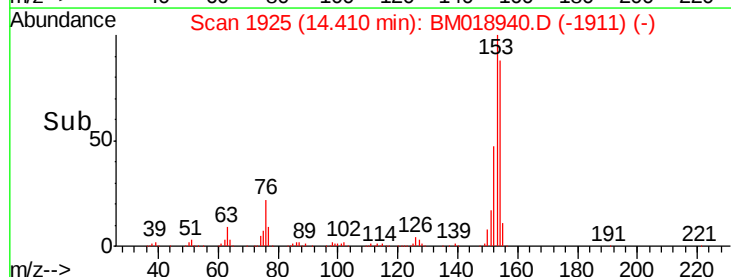
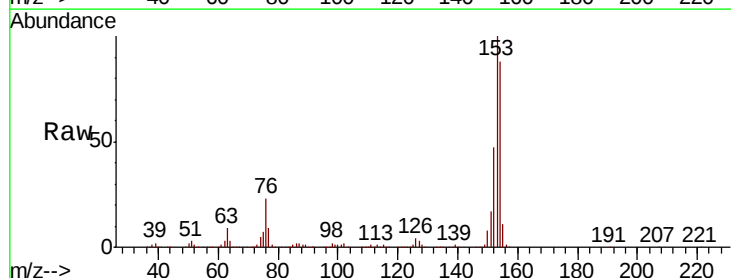
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:165 Resp: 432412
Ion Ratio Lower Upper
165 100
63 63.3 48.9 73.3
89 62.8 49.4 74.0



#52
Acenaphthene
Concen: 52.964 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:154 Resp: 1582995
Ion Ratio Lower Upper
154 100
153 113.9 91.3 136.9
152 53.5 42.2 63.4

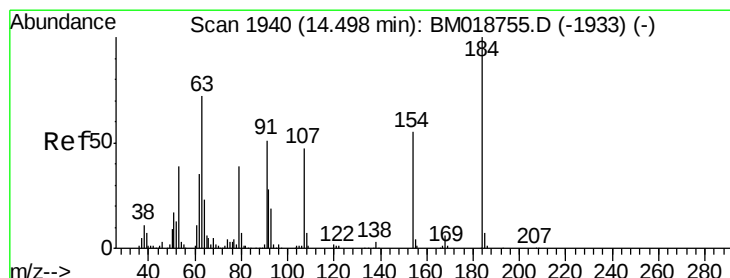
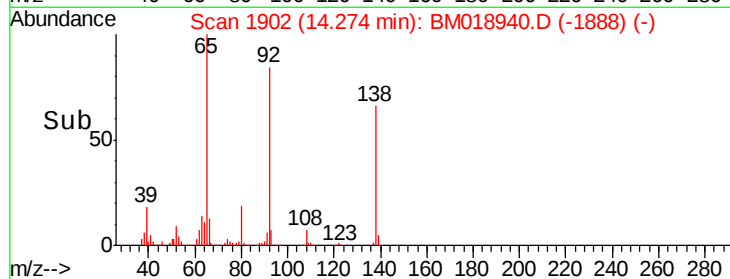
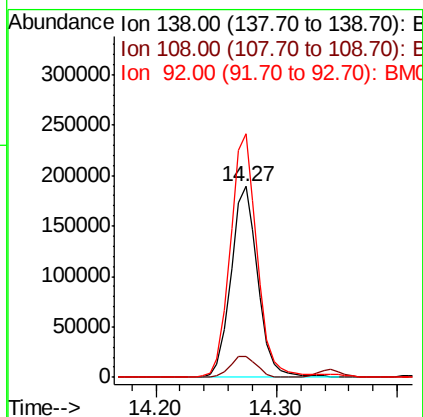
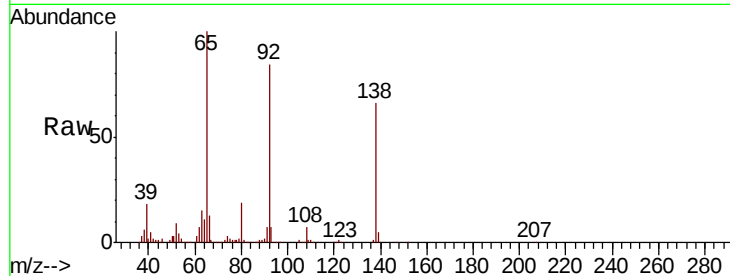




#53
3-Nitroaniline
Concen: 29.109 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

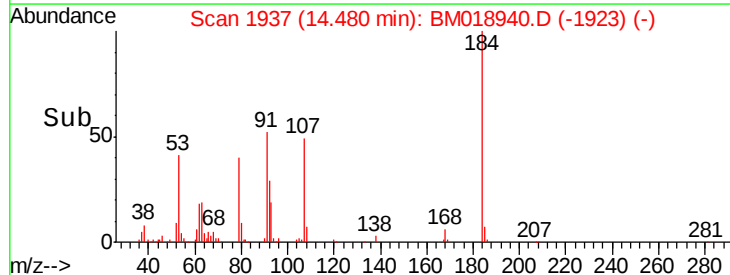
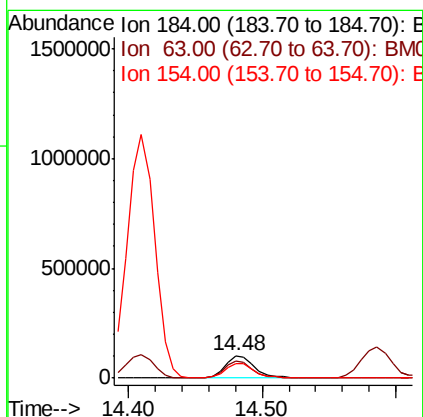
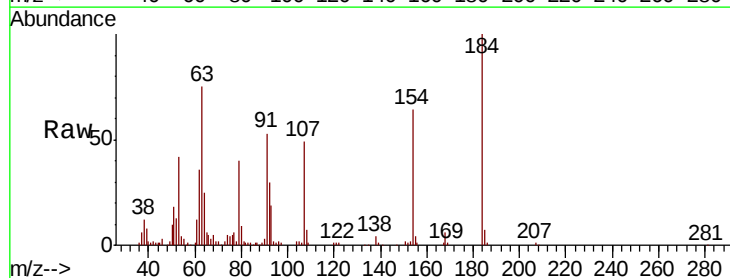
Instrument :
BNA_M
ClientSampleId :
WV-EMSD

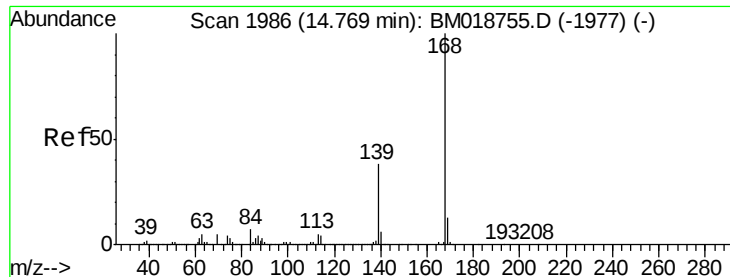
Tgt Ion:138 Resp: 292357
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 127.7 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 31.997 ng
RT: 14.48 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:184 Resp: 159454
Ion Ratio Lower Upper
184 100
63 75.3 58.0 87.0
154 63.6 50.3 75.5





#55

Dibenzenofuran

Concen: 49.265 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

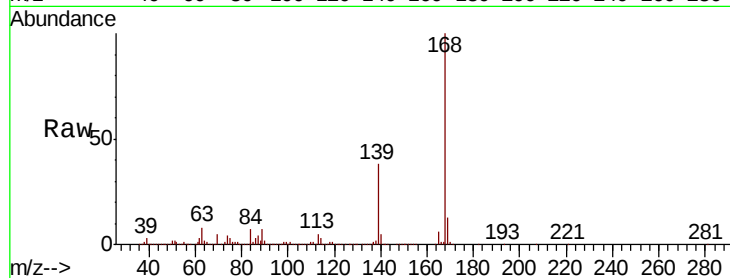
Tgt Ion:168 Resp: 2420199

Ion Ratio Lower Upper

168 100

139 38.1 30.7 46.1

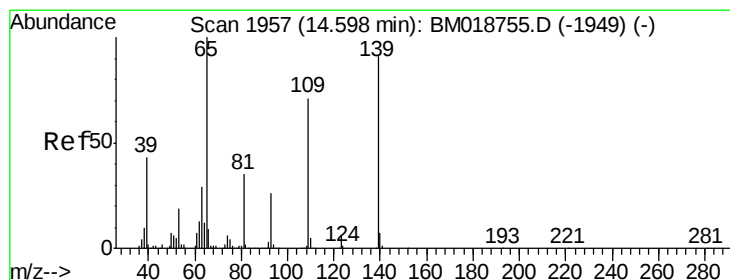
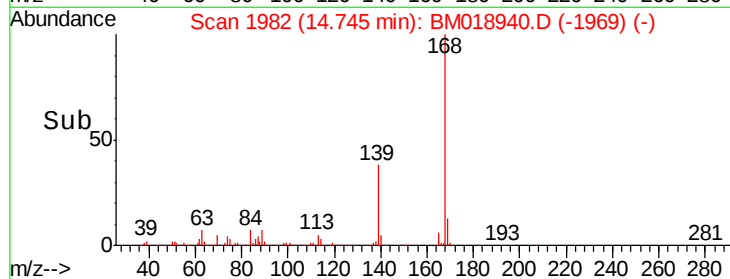
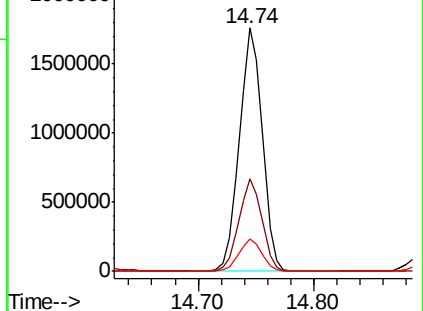
169 13.2 10.3 15.5



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: 88.852 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

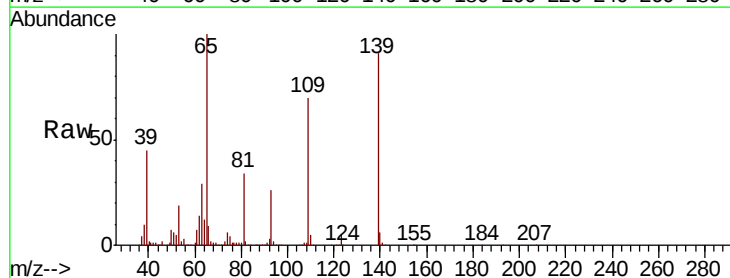
Tgt Ion:139 Resp: 712366

Ion Ratio Lower Upper

139 100

109 76.6 58.4 98.4

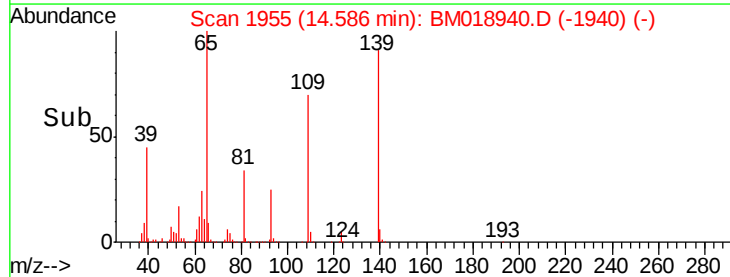
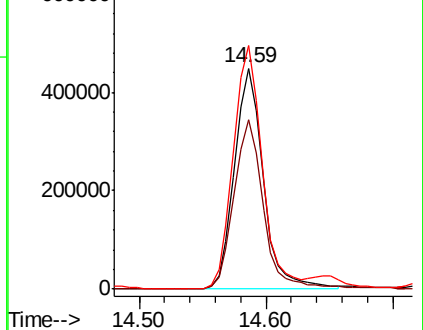
65 110.2 89.8 129.8

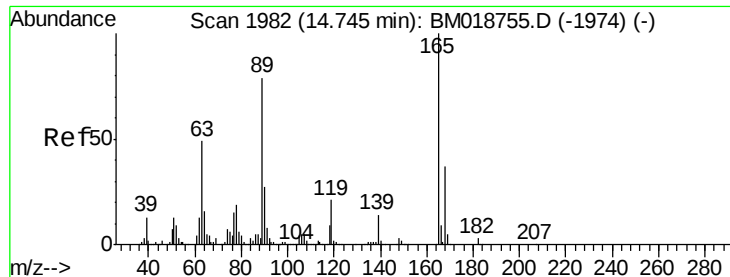


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

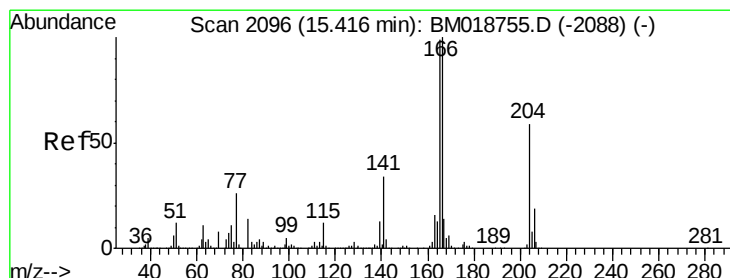
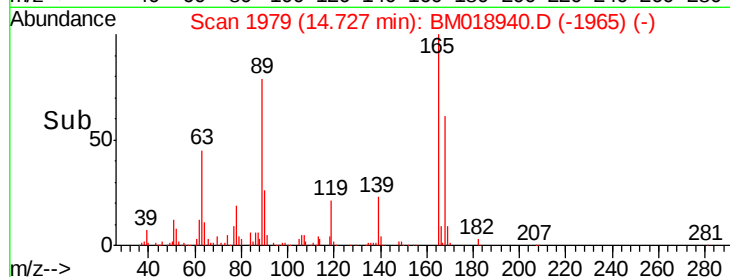
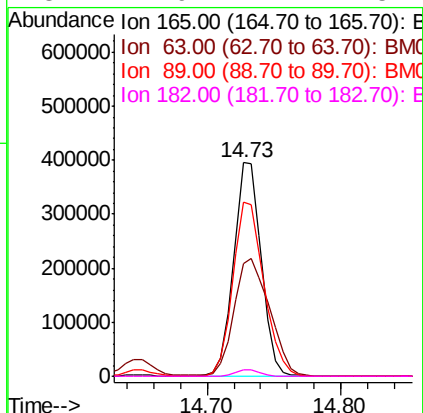
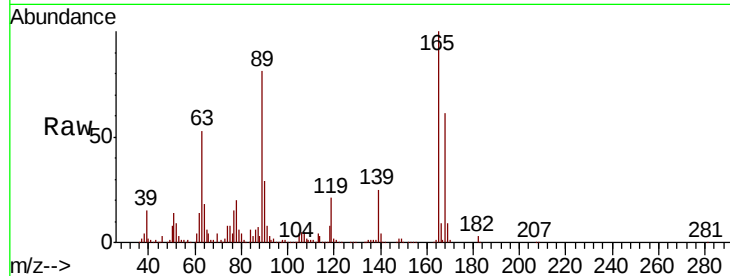




#57
 2,4-Dinitrotoluene
 Concen: 46.605 ng
 RT: 14.73 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

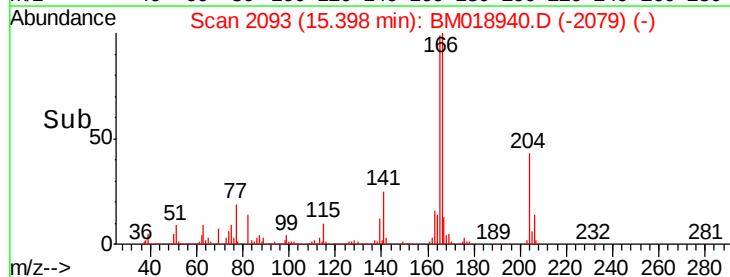
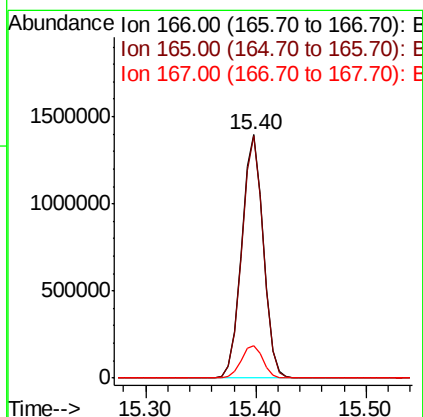
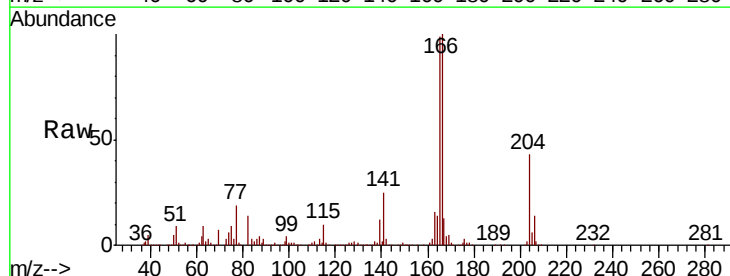
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

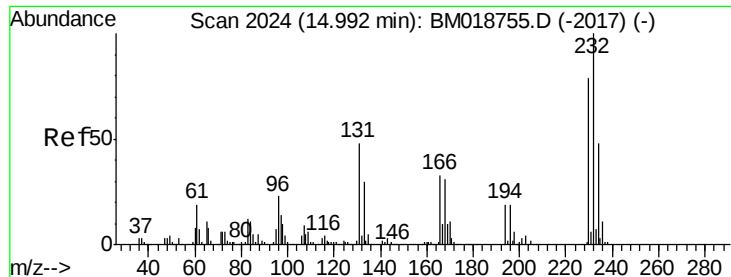
Tgt Ion:165 Resp: 570772
 Ion Ratio Lower Upper
 165 100
 63 52.5 39.6 59.4
 89 81.4 63.5 95.3
 182 2.9 2.2 3.4



#58
 Fluorene
 Concen: 51.053 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:166 Resp: 1918726
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.1 118.7
 167 13.3 11.0 16.4

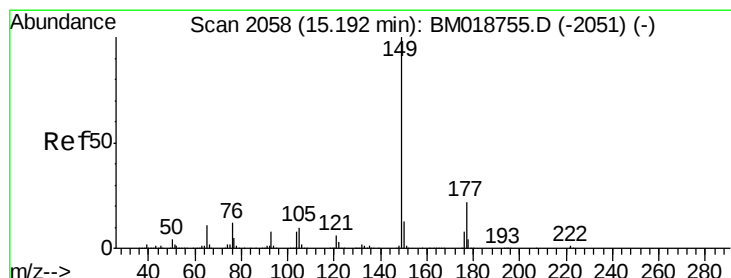
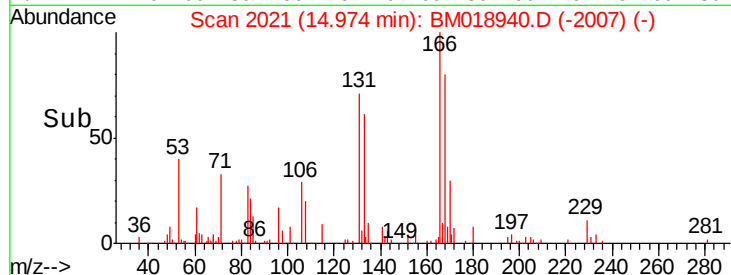
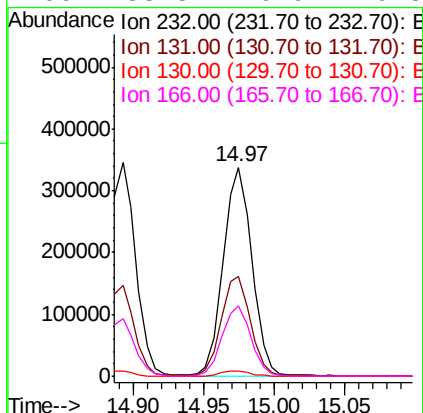
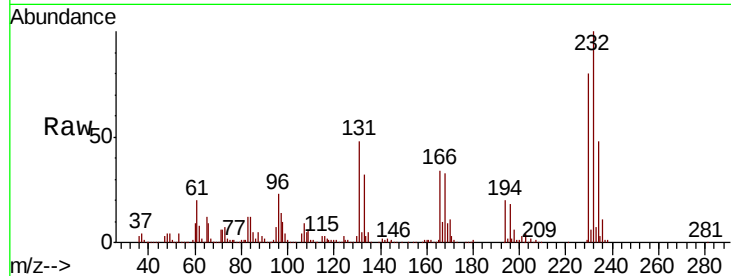




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.148 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

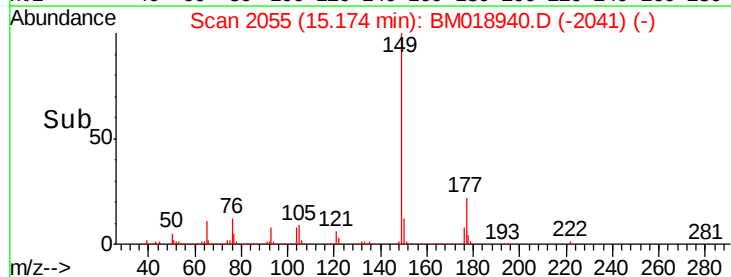
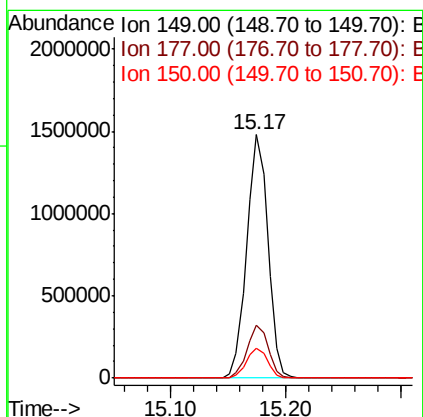
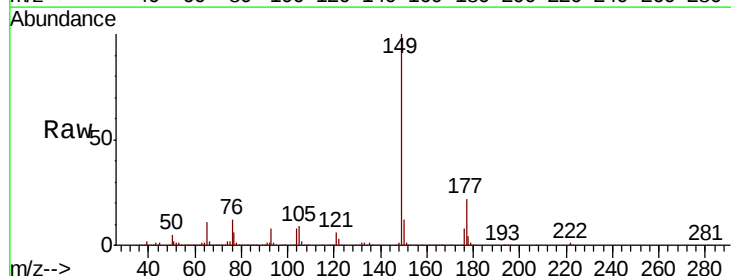
Instrument :
BNA_M
ClientSampled :
WV-EMSD

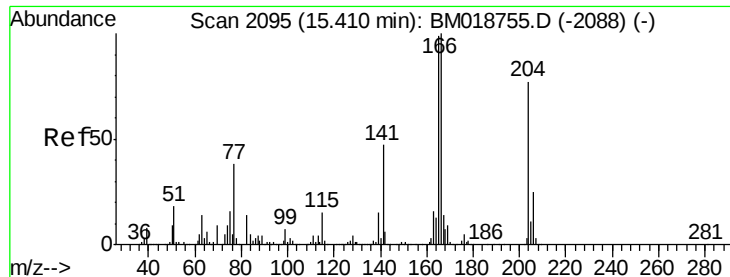
Tgt Ion:232 Resp: 474766
Ion Ratio Lower Upper
232 100
131 48.8 38.6 57.8
130 2.7 2.0 3.0
166 33.8 26.9 40.3



#60
Diethylphthalate
Concen: 44.597 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:149 Resp: 1887719
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.4 10.2 15.2

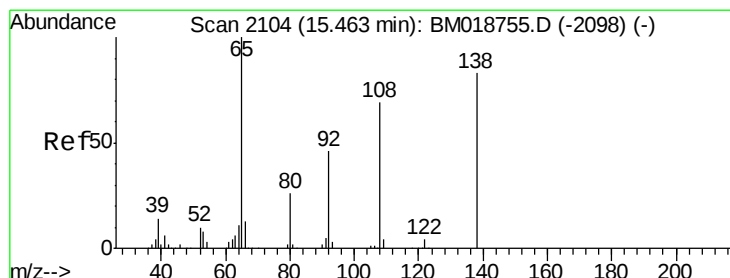
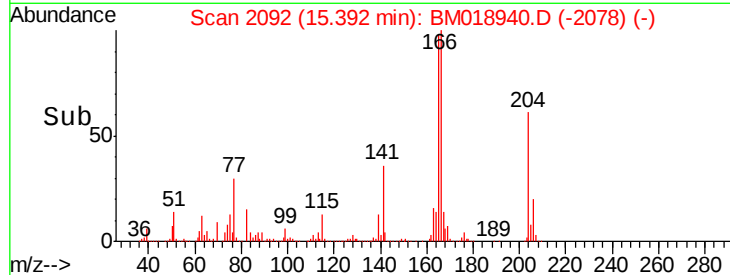
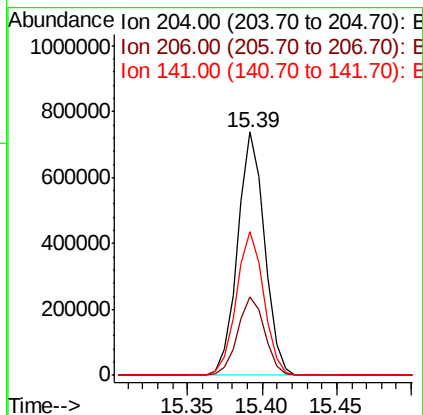
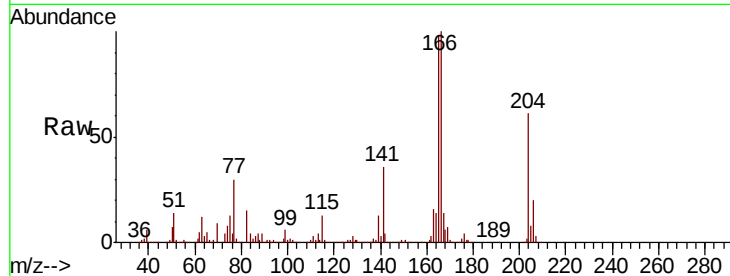




#61
 4-Chlorophenyl-phenylether
 Concen: 43.992 ng
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

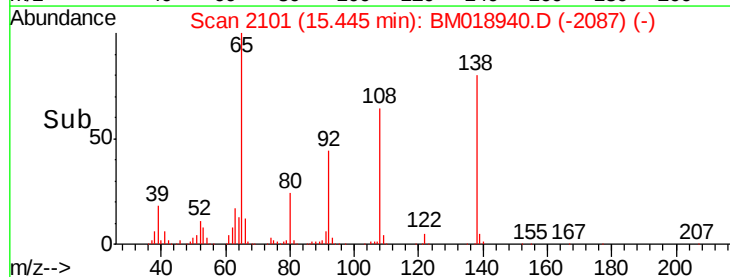
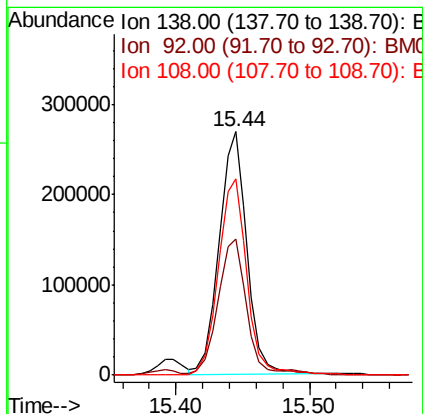
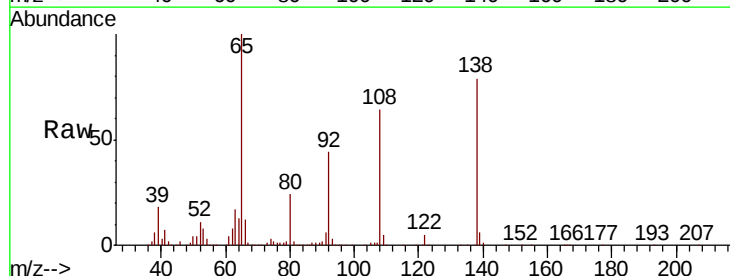
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

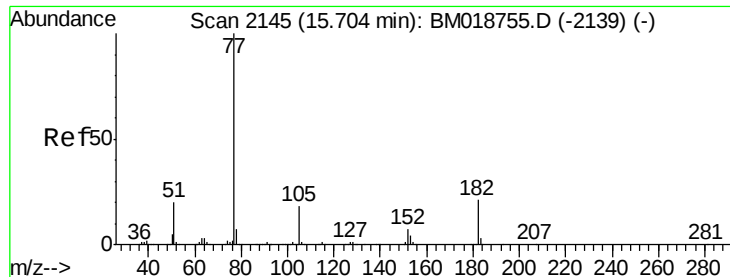
Tgt Ion:204 Resp: 926989
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.2 39.2
 141 59.1 49.2 73.8



#62
 4-Nitroaniline
 Concen: 40.019 ng
 RT: 15.44 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:138 Resp: 394032
 Ion Ratio Lower Upper
 138 100
 92 55.8 35.5 75.5
 108 80.6 62.4 102.4





#63

Azobenzene

Concen: 46.028 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

Tgt Ion: 77 Resp: 2088980

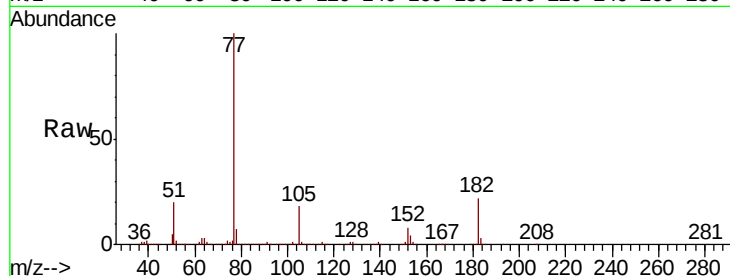
Ion Ratio Lower Upper

77 100

182 21.6 1.0 41.0

105 17.7 0.0 37.7

51 20.5 0.3 40.3

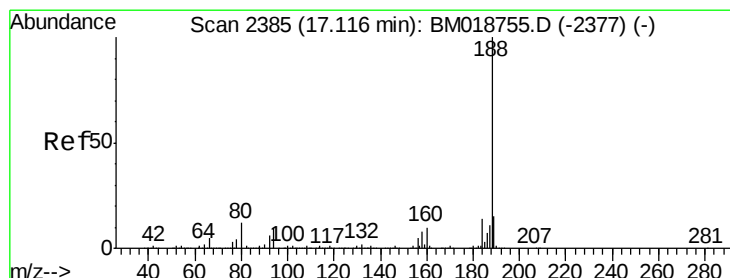
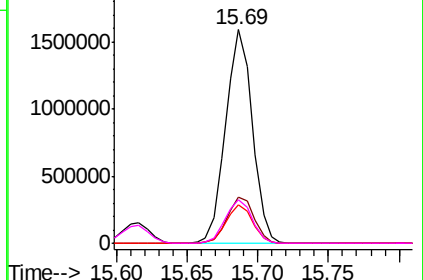
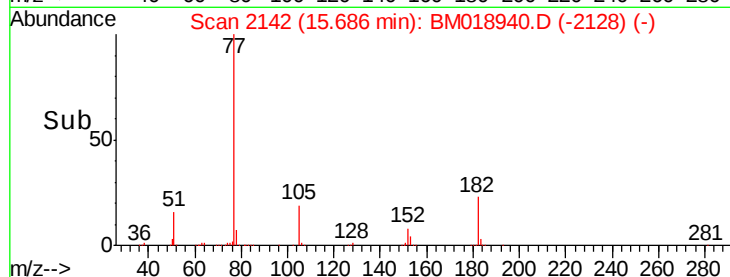


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM018940.D

Acq: 26 Feb 2019 21:37

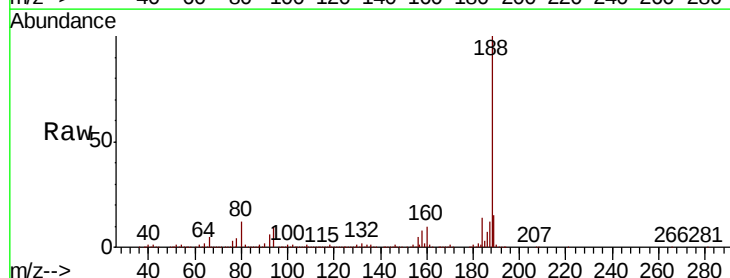
Tgt Ion: 188 Resp: 944097

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

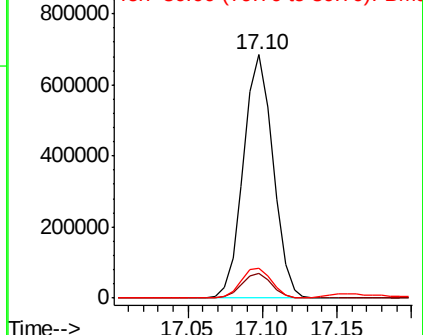
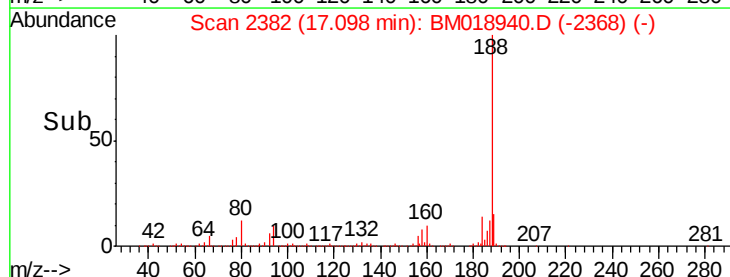
80 12.4 9.7 14.5

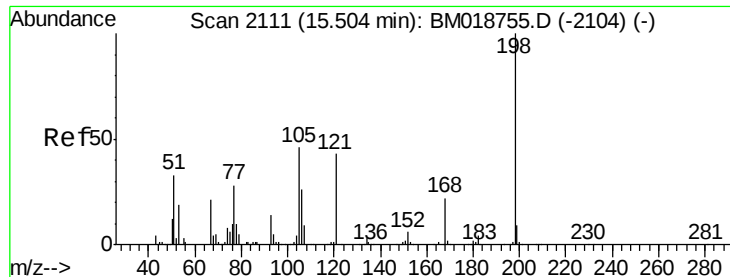


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

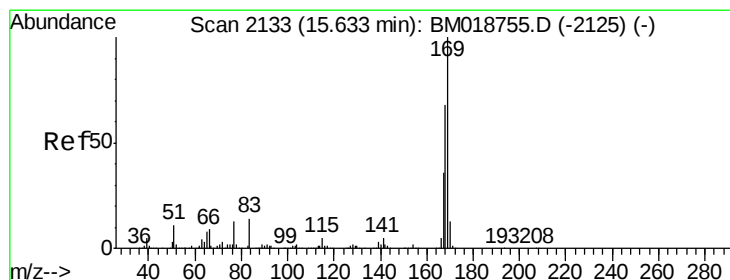
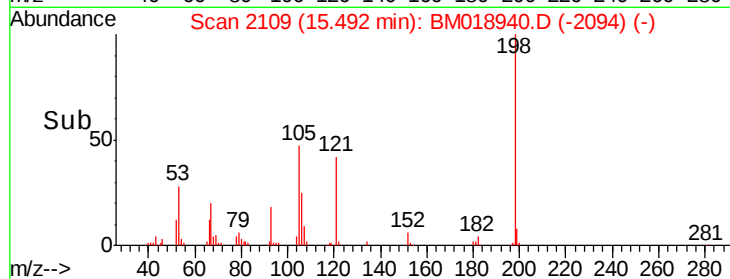
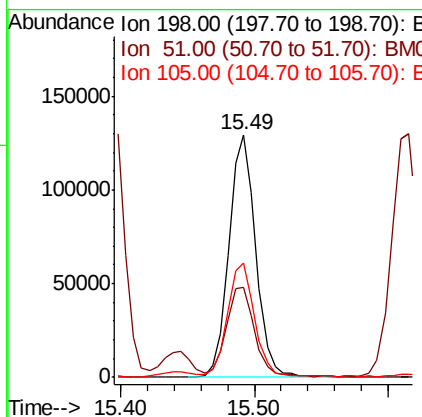
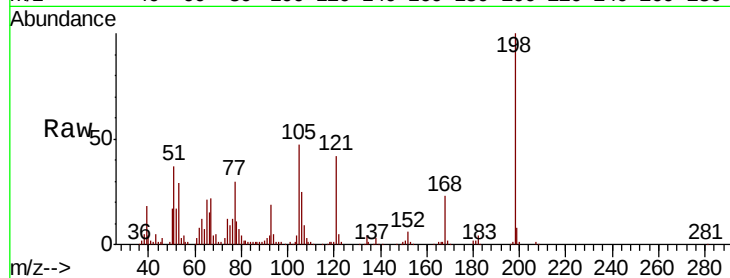




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.436 ng
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

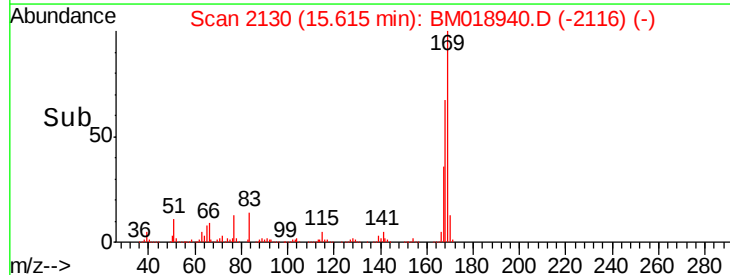
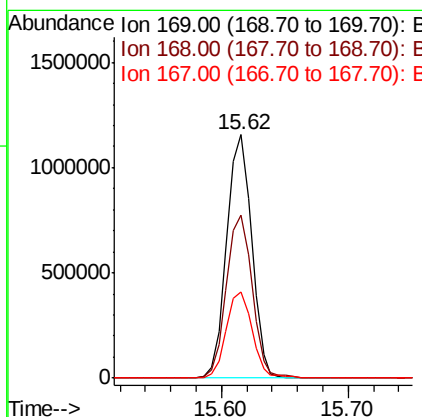
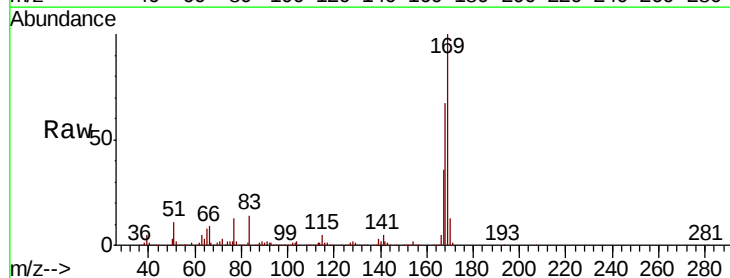
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

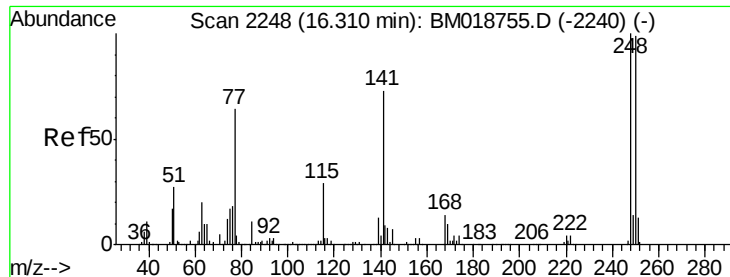
Tgt Ion:198 Resp: 181865
 Ion Ratio Lower Upper
 198 100
 51 37.3 18.4 58.4
 105 47.0 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 52.851 ng
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:169 Resp: 1576435
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 35.6 29.0 43.6

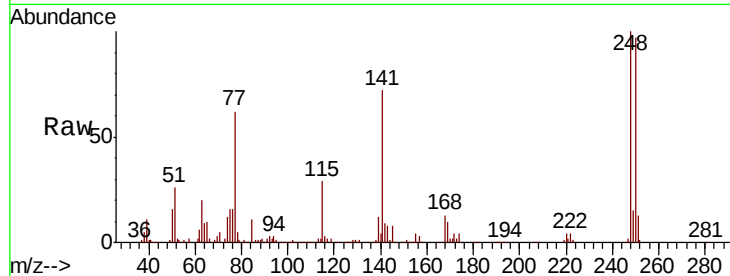




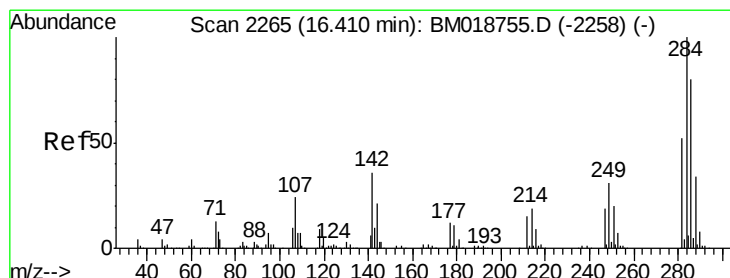
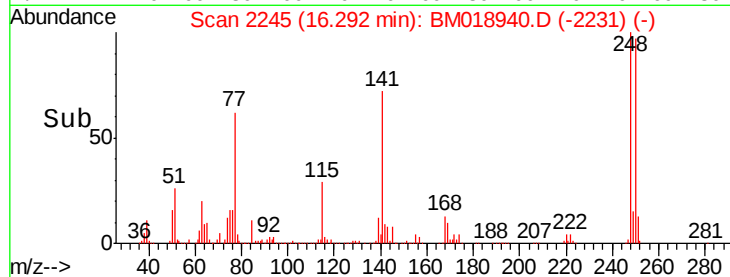
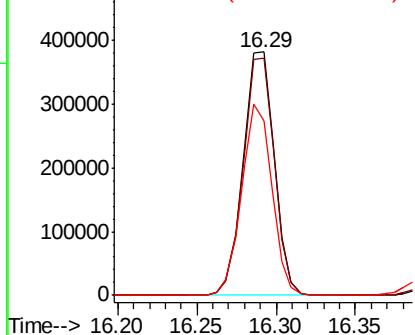
#67
4-Bromophenyl-phenylether
Concen: 49.339 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:248 Resp: 521397
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.6
141 71.7 58.6 88.0

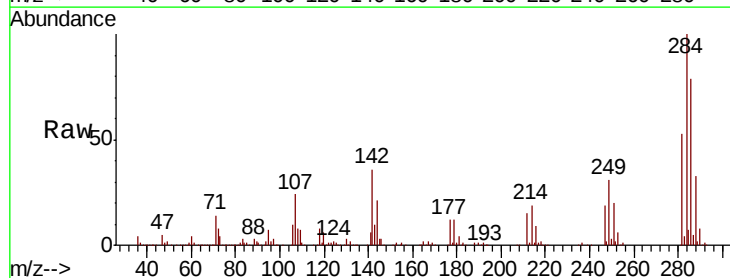


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

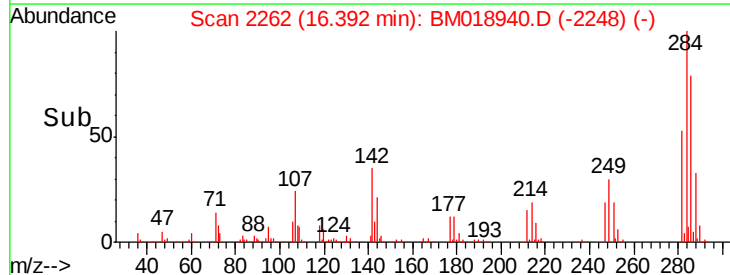
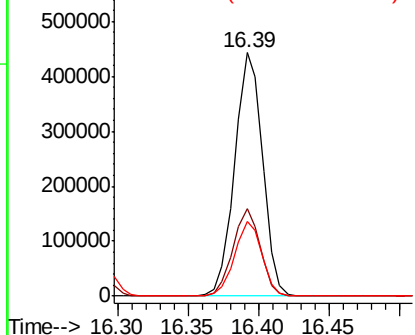


#68
Hexachlorobenzene
Concen: 49.576 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:284 Resp: 608951
Ion Ratio Lower Upper
284 100
142 35.8 28.9 43.3
249 30.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.355 ng

RT: 16.57 min Scan# 2292

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

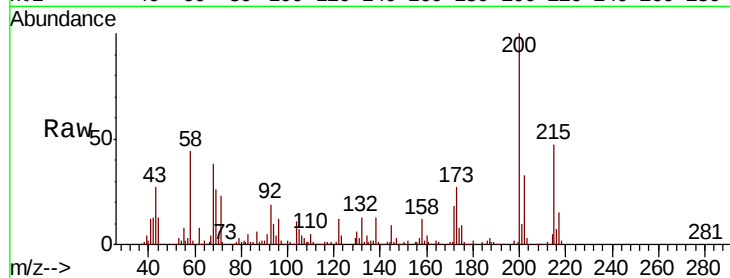
Tgt Ion:200 Resp: 445757

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

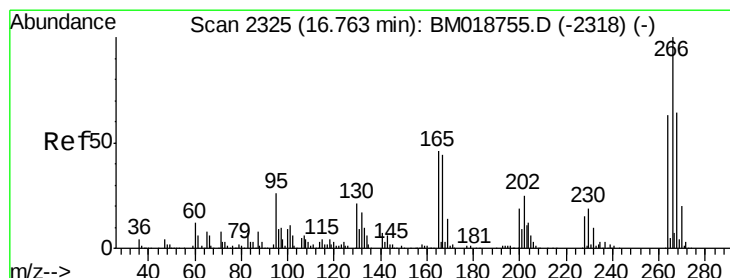
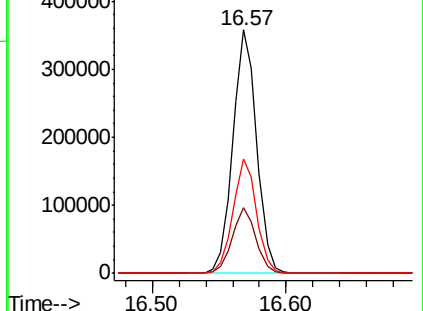
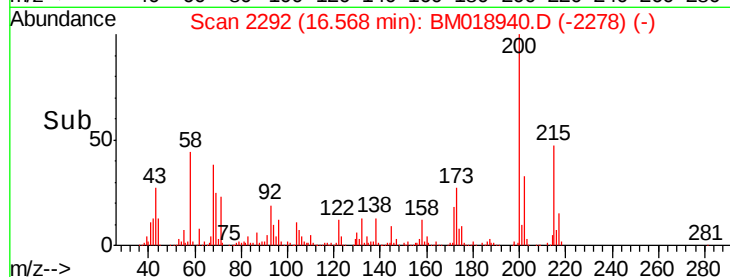
215 46.8 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.297 ng

RT: 16.74 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

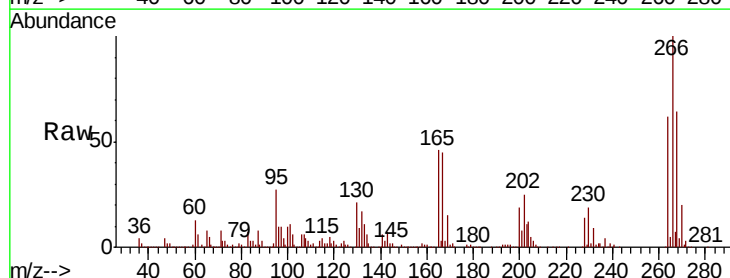
Tgt Ion:266 Resp: 769507

Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

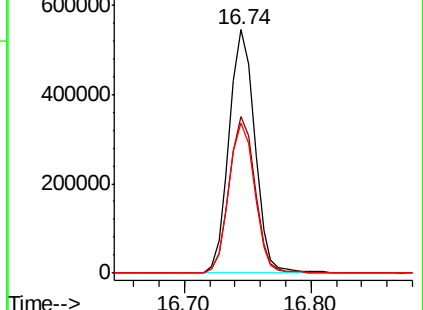
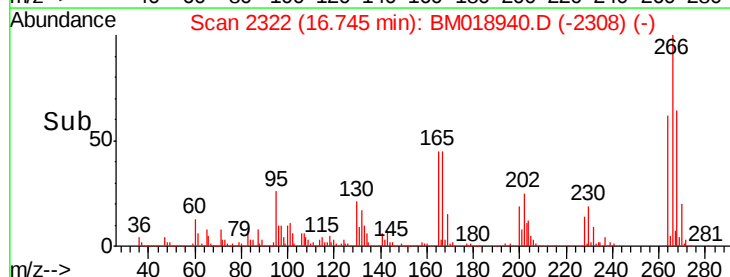
264 61.9 50.6 75.8

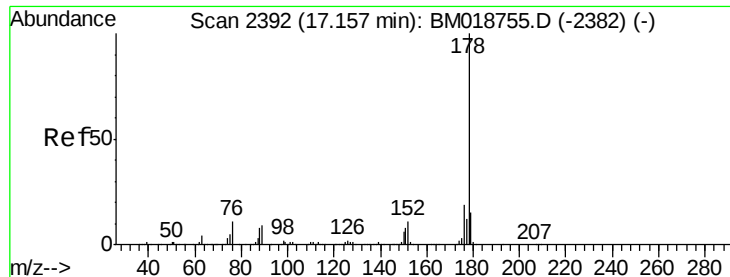


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 56.489 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

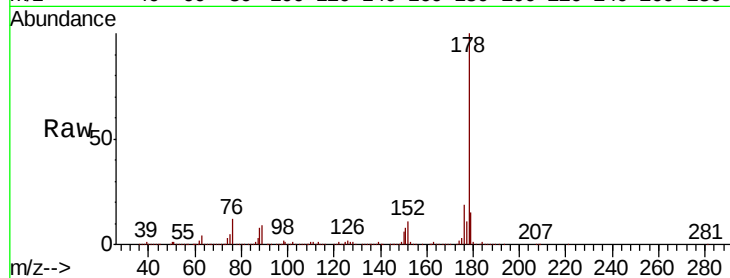
Tgt Ion:178 Resp: 2866117

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

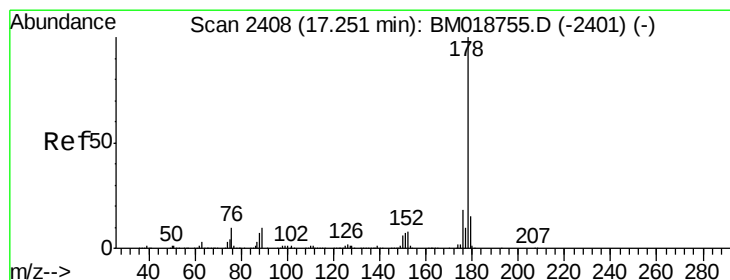
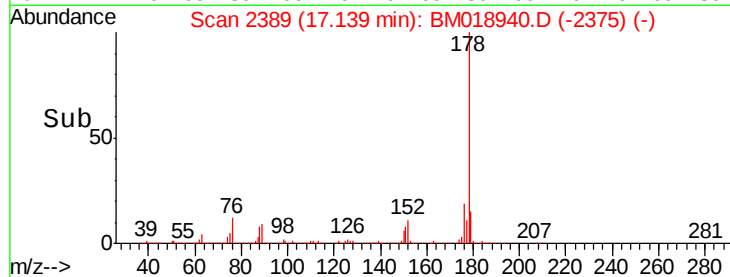
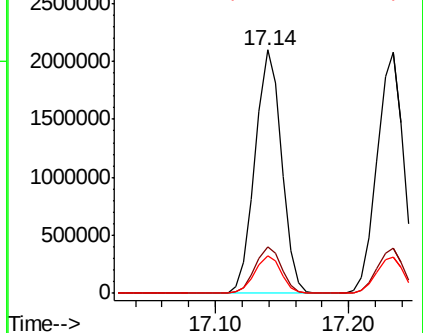
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.237 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

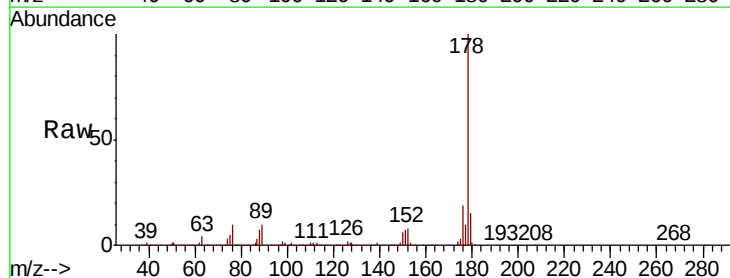
Tgt Ion:178 Resp: 2826586

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

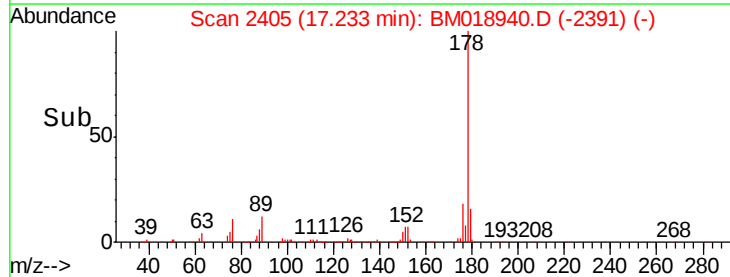
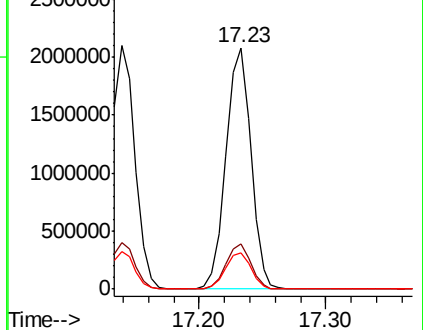
179 15.3 12.1 18.1

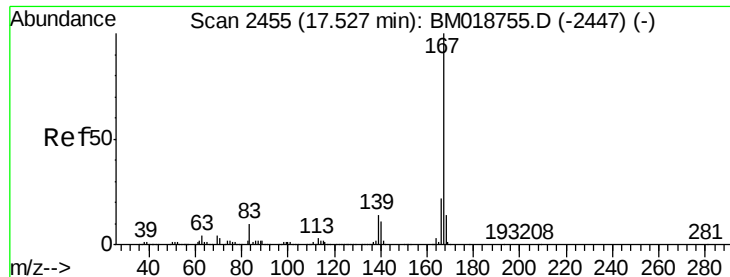


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

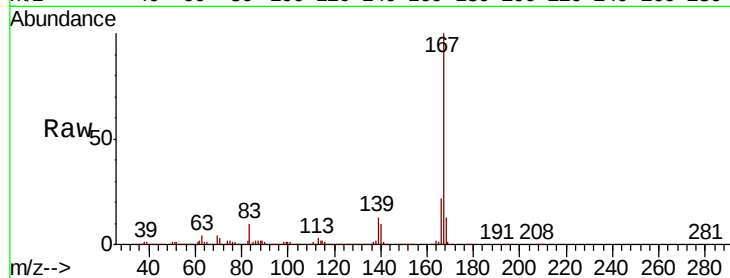




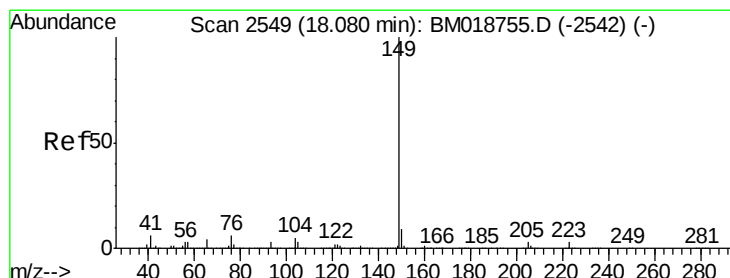
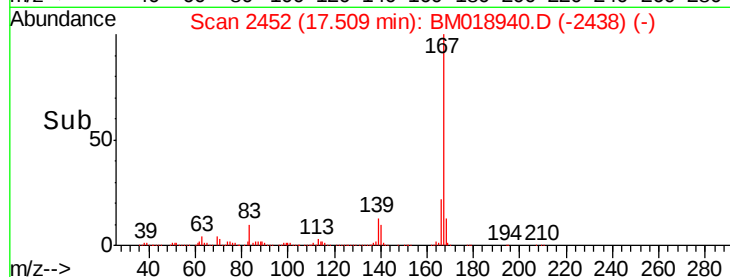
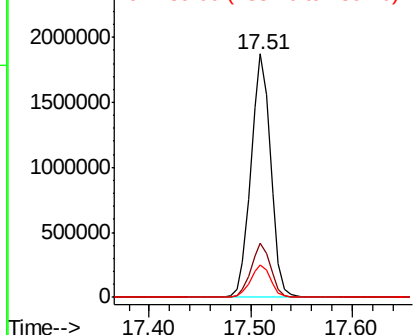
#73
 Carbazole
 Concen: 49.184 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

Tgt Ion:167 Resp: 2537626
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.1 10.9 16.3

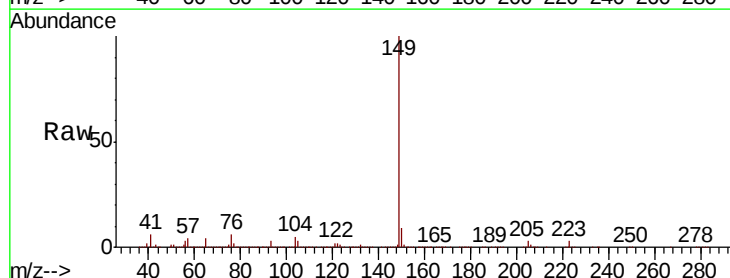


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 2000000 Ion 139.00 (138.70 to 139.70): E

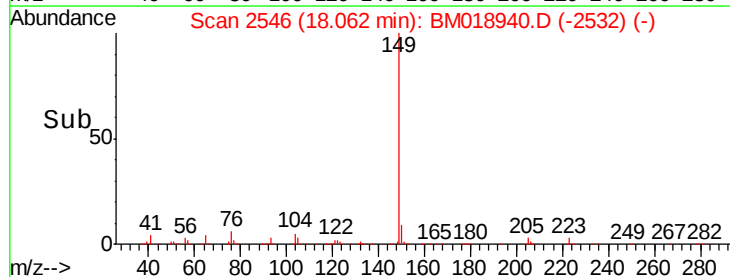
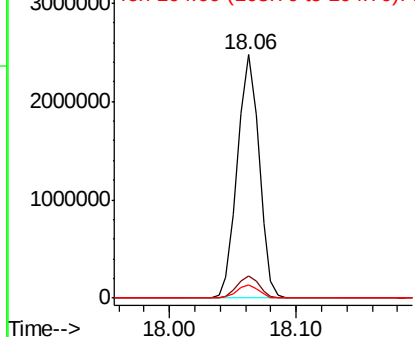


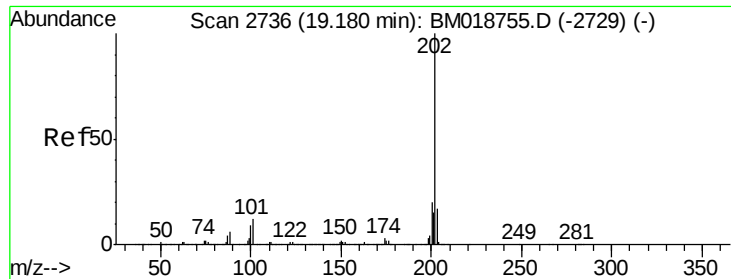
#74
 Di-n-butylphthalate
 Concen: 49.303 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:149 Resp: 2925521
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000 Ion 150.00 (149.70 to 150.70): E
 2000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.536 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

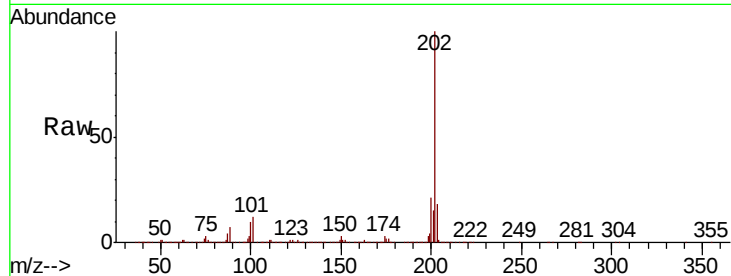
Tgt Ion:202 Resp: 3313483

Ion Ratio Lower Upper

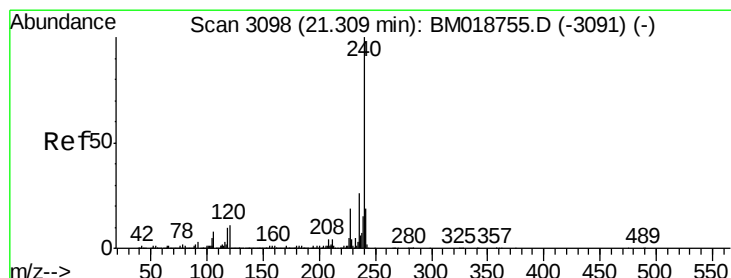
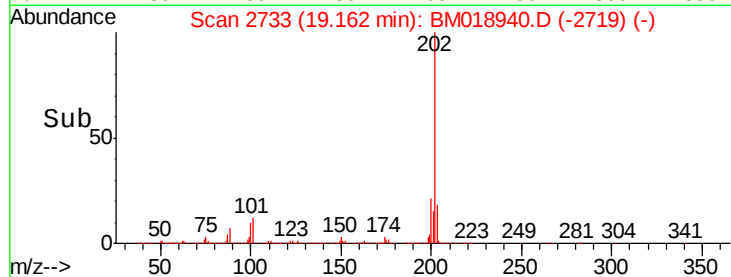
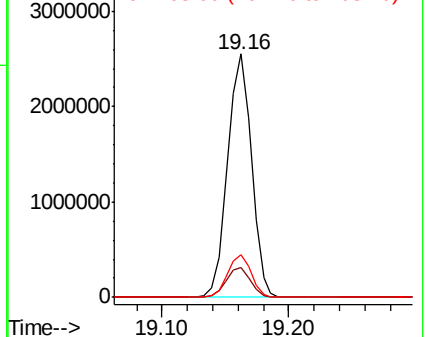
202 100

101 12.4 0.0 31.5

203 17.6 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: BM018940.D

Acq: 26 Feb 2019 21:37

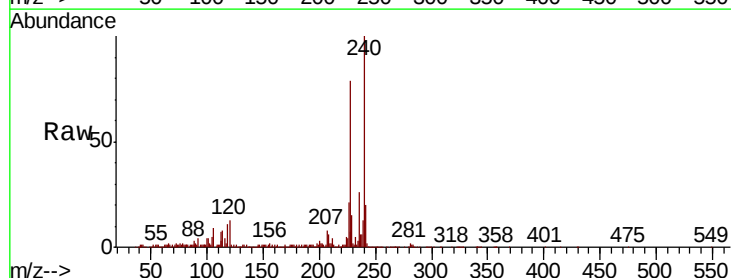
Tgt Ion:240 Resp: 1094414

Ion Ratio Lower Upper

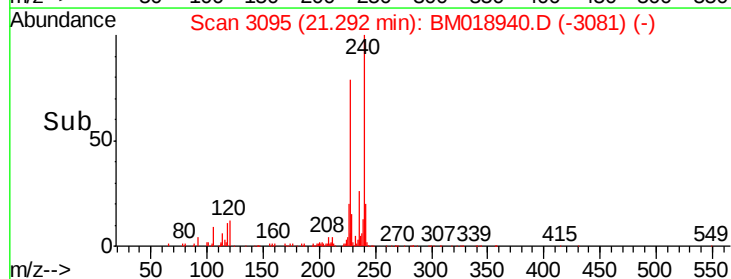
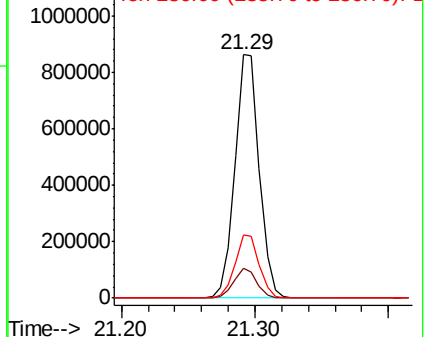
240 100

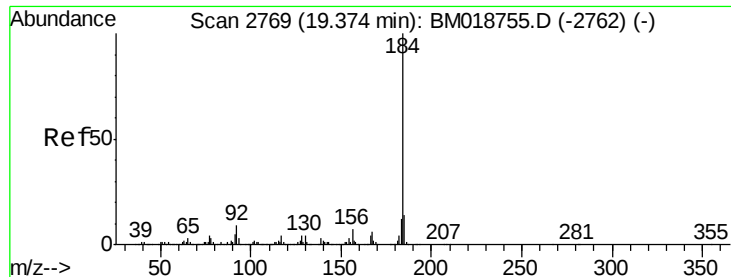
120 12.5 8.9 13.3

236 26.1 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

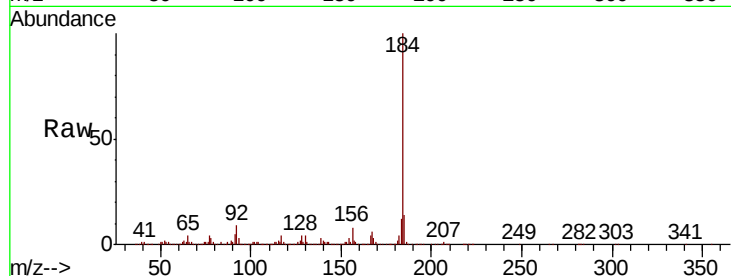




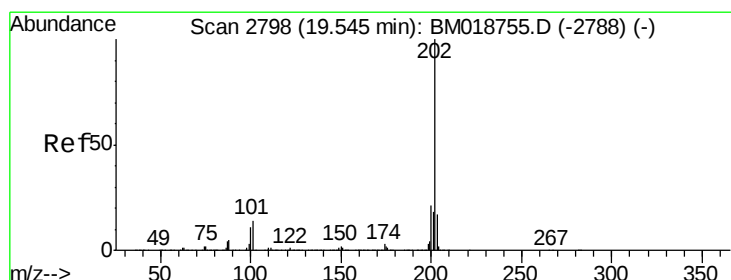
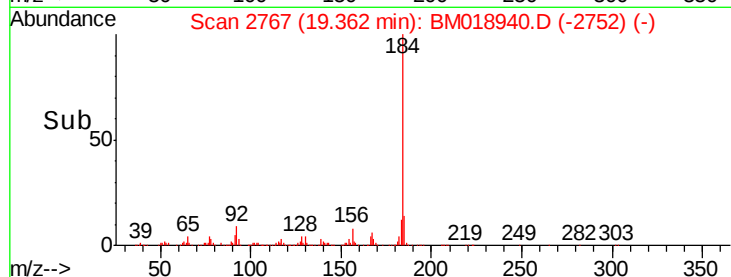
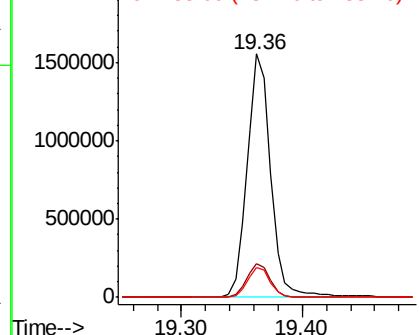
#77
Benzidine
Concen: 86.053 ng
RT: 19.36 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:184 Resp: 2121007
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.3 9.7 14.5

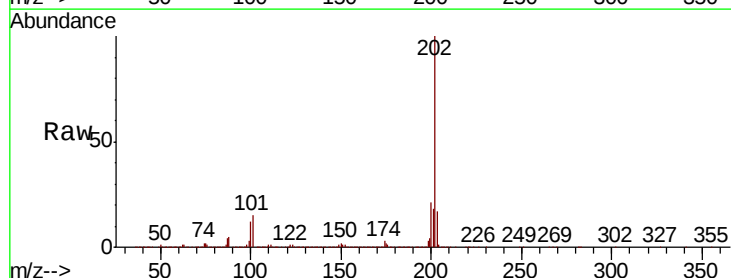


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

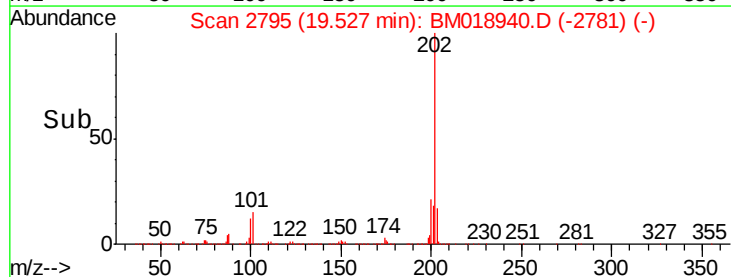
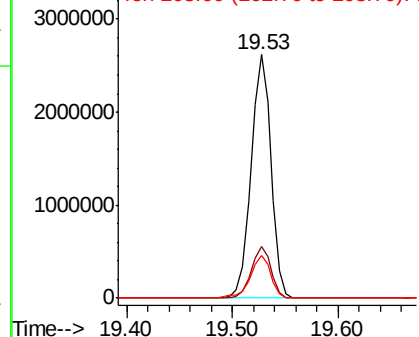


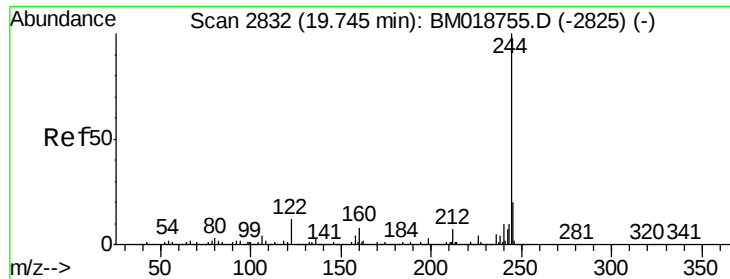
#78
Pyrene
Concen: 54.002 ng
RT: 19.53 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:202 Resp: 3432470
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 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

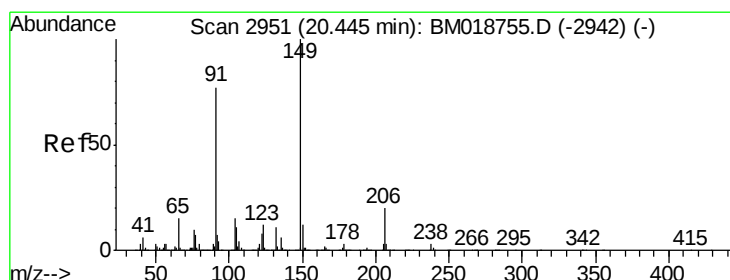
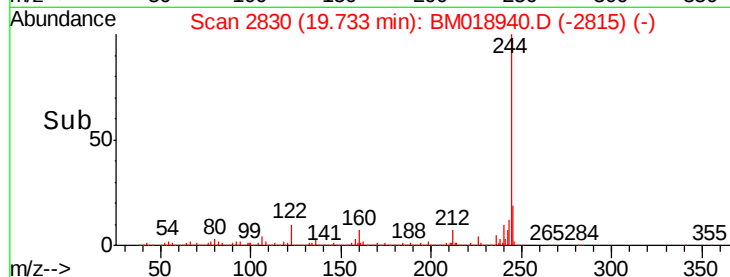
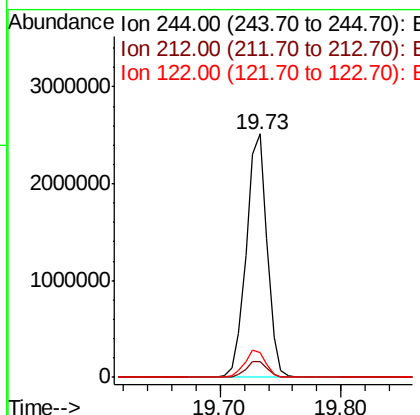
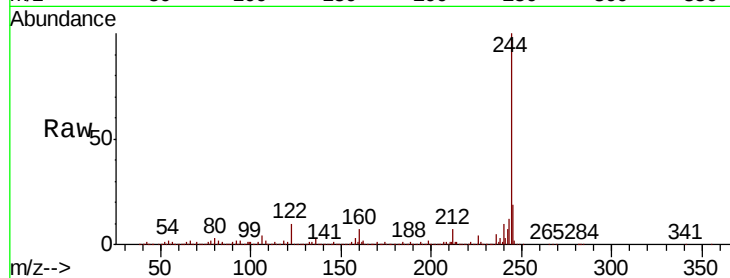




#79
 Terphenyl-d14
 Concen: 57.089 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

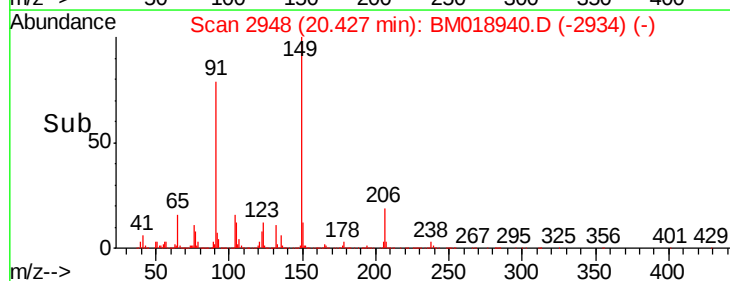
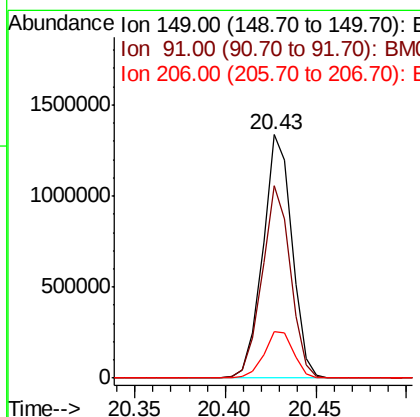
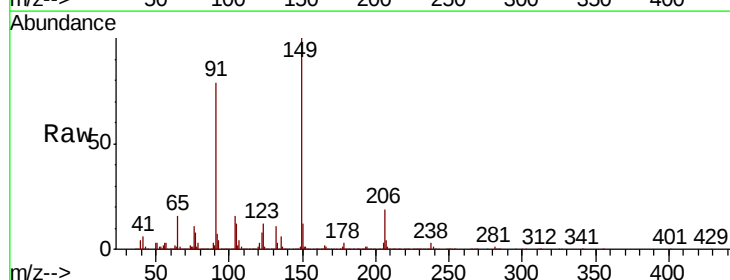
Instrument :
 BNA_M
 ClientSampleId :
 WV-EMSD

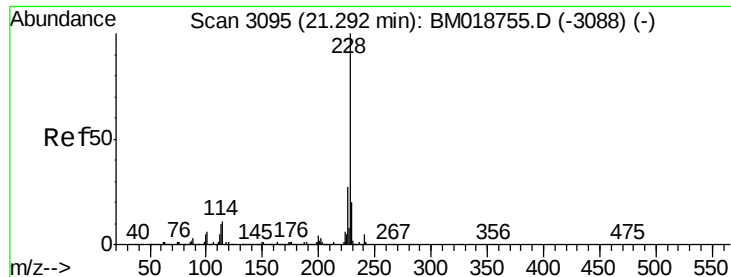
Tgt Ion:244 Resp: 3028689
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 51.336 ng
 RT: 20.43 min Scan# 2948
 Delta R.T. -0.02 min
 Lab File: BM018940.D
 Acq: 26 Feb 2019 21:37

Tgt Ion:149 Resp: 1487091
 Ion Ratio Lower Upper
 149 100
 91 79.2 61.4 92.0
 206 19.1 15.8 23.8





#81

Benzo(a)anthracene

Concen: 54.730 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

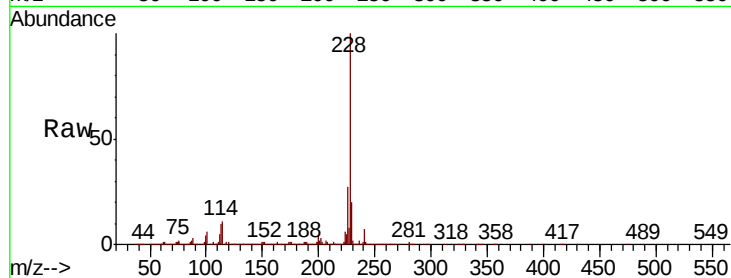
Tgt Ion:228 Resp: 3491525

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

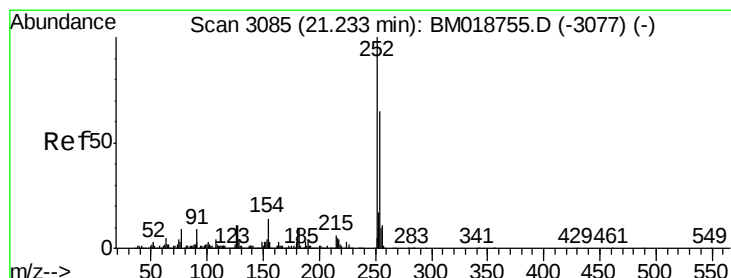
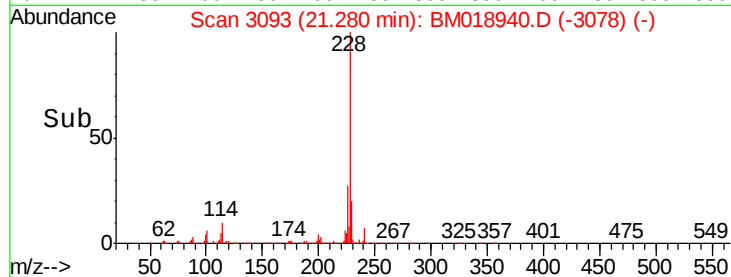
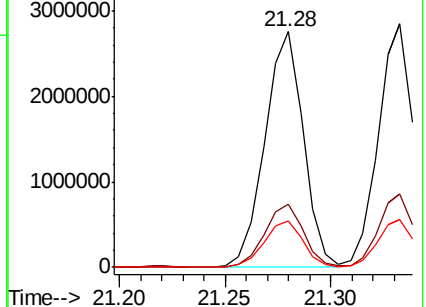
229 19.8 15.9 23.9



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: 48.319 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

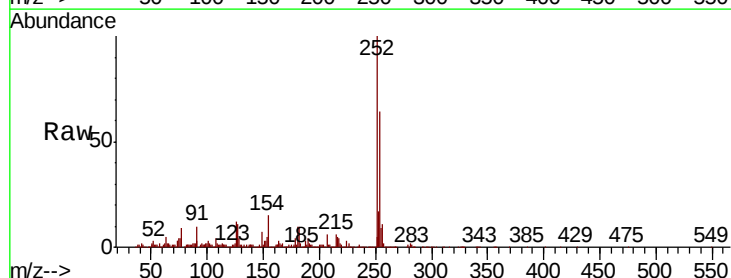
Tgt Ion:252 Resp: 1218253

Ion Ratio Lower Upper

252 100

254 63.6 51.8 77.8

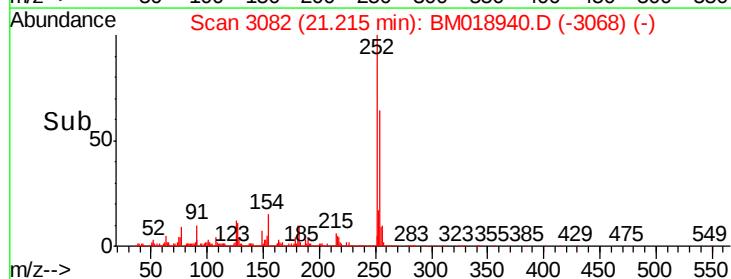
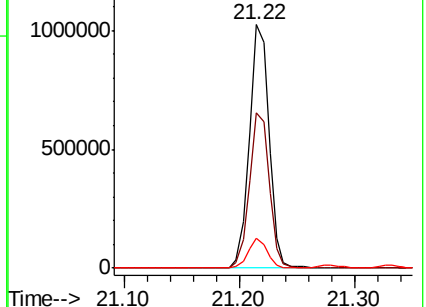
126 12.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.152 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

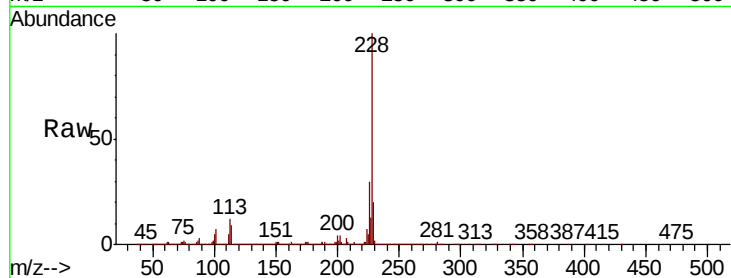
Tgt Ion:228 Resp: 3311223

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

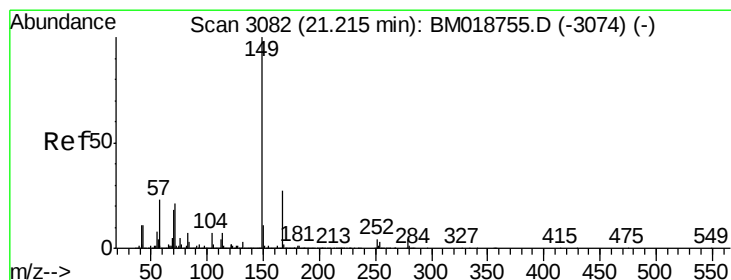
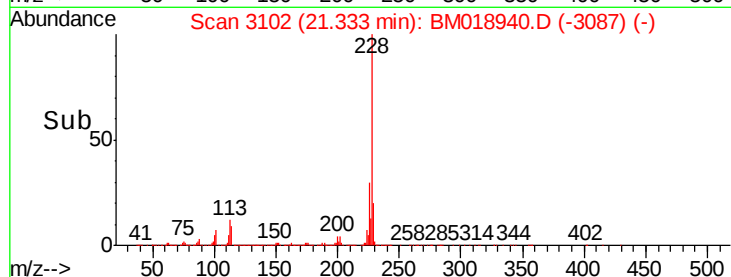
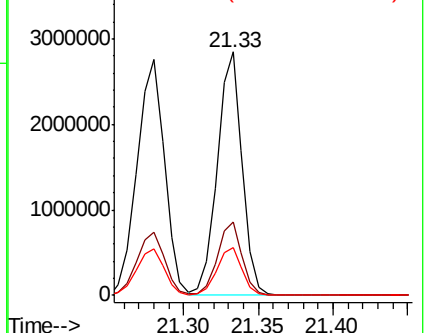
229 19.9 16.0 24.0



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: 55.703 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

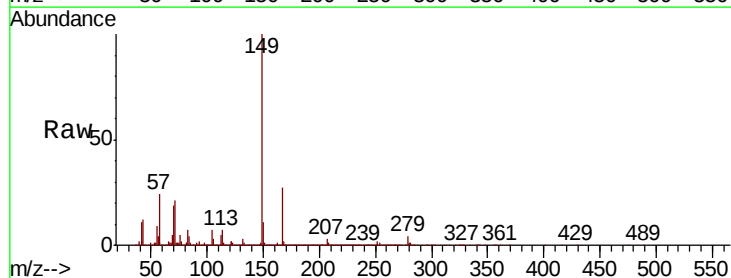
Tgt Ion:149 Resp: 2361680

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

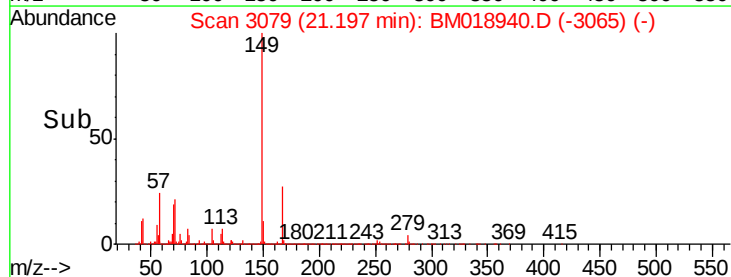
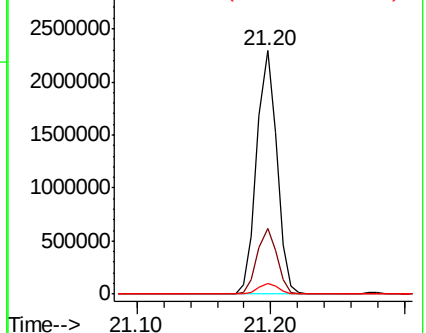
279 4.3 3.6 5.4

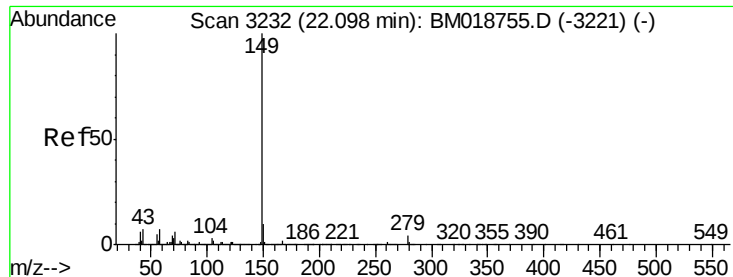


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.914 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

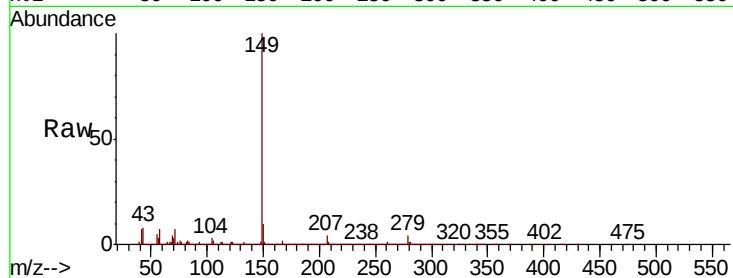
Tgt Ion:149 Resp: 3913098

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

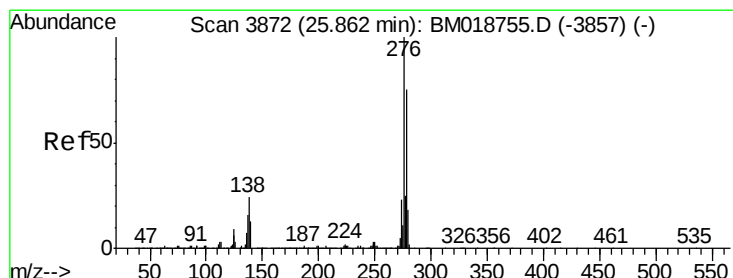
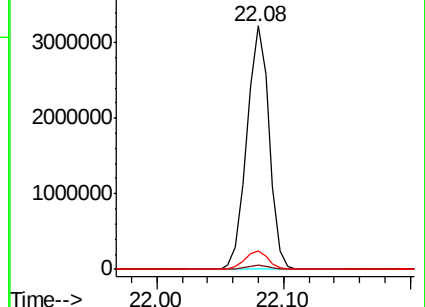
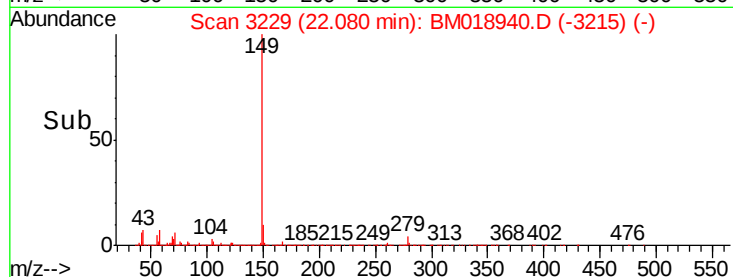
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 66.227 ng

RT: 25.83 min Scan# 3867

Delta R.T. -0.03 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

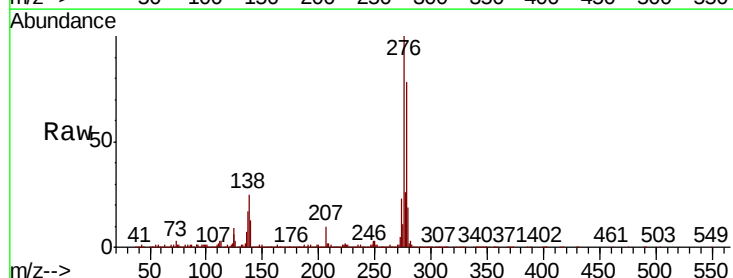
Tgt Ion:276 Resp: 4675445

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.4

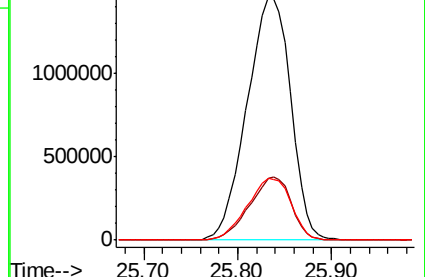
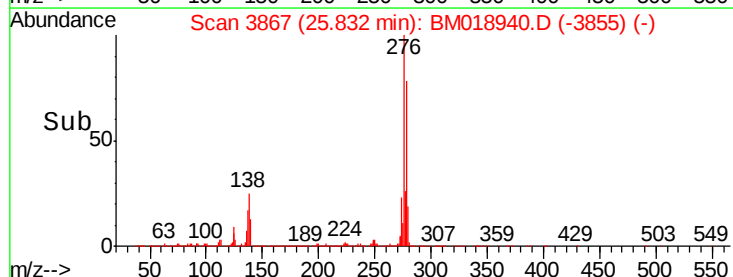
277 25.4 20.3 30.5

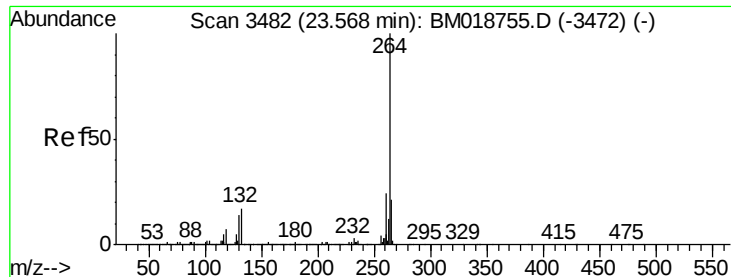


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

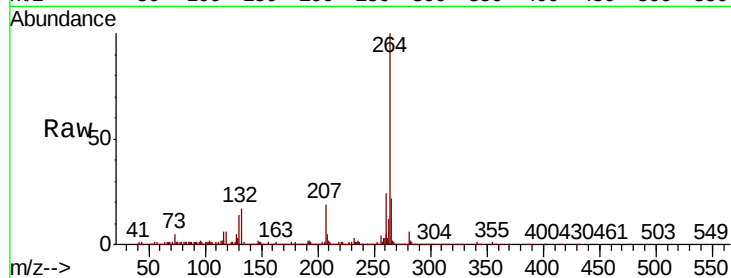
Tgt Ion:264 Resp: 1223721

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

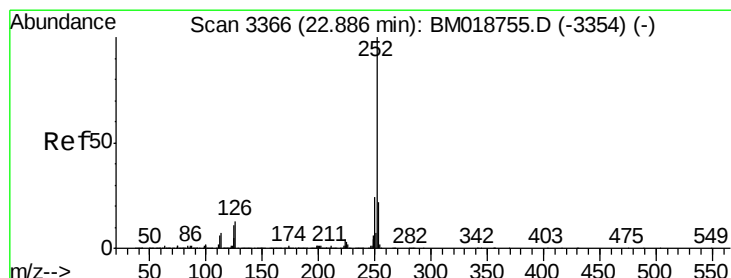
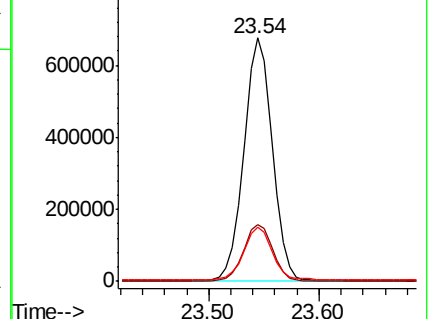
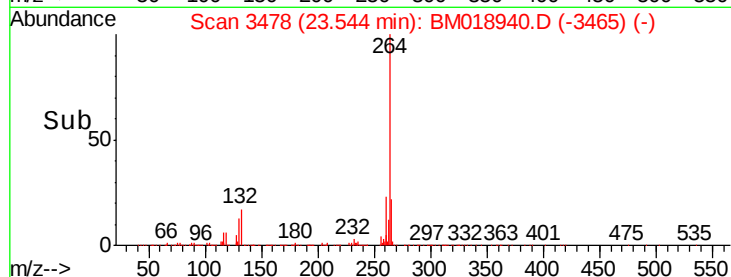
265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.679 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

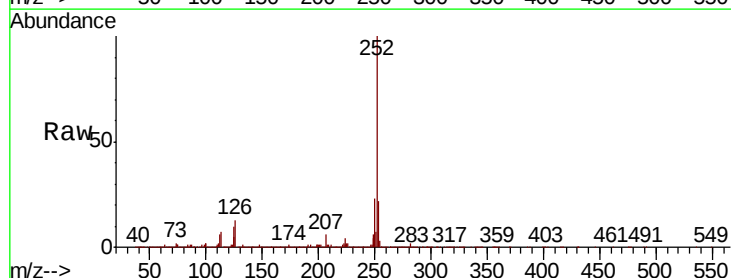
Tgt Ion:252 Resp: 3898307

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

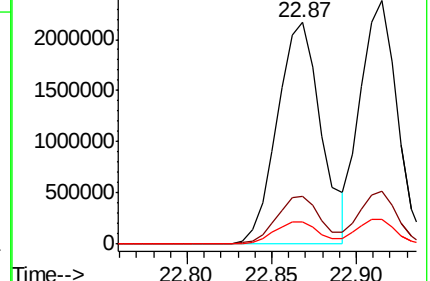
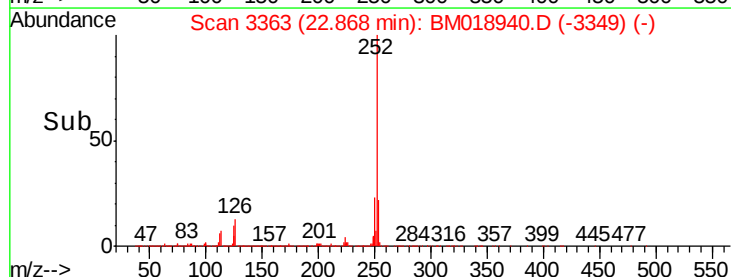
125 10.0 8.6 12.8

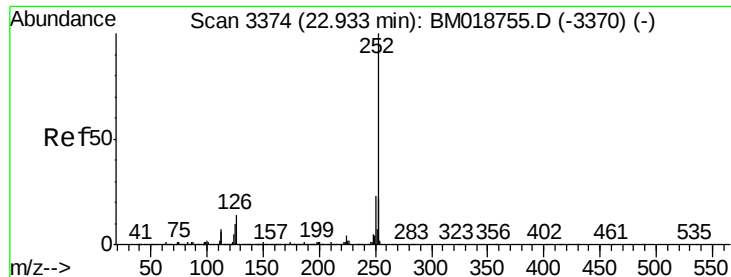


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.515 ng

RT: 22.91 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

Instrument :

BNA_M

ClientSampleId :

WV-EMSD

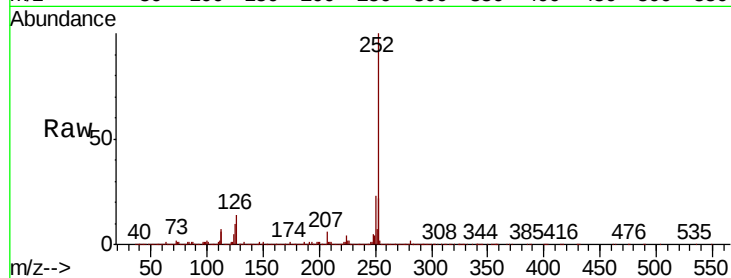
Tgt Ion:252 Resp: 3590726

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

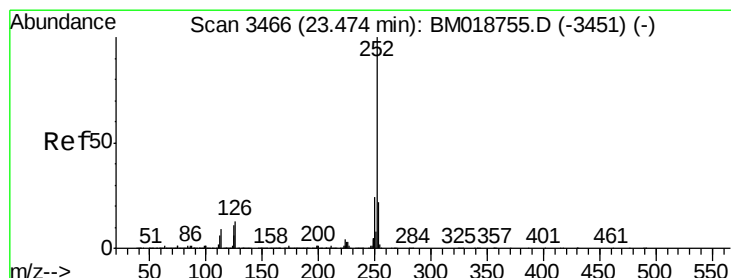
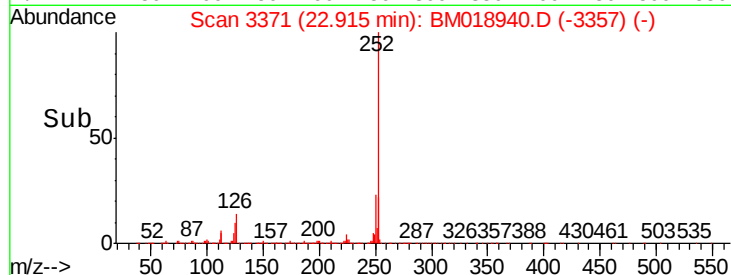
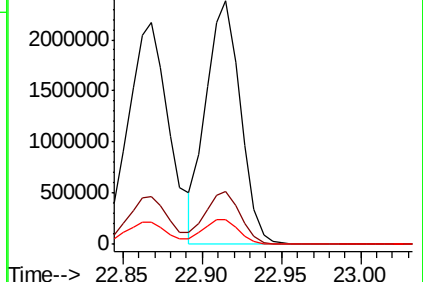
125 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 56.084 ng

RT: 23.45 min Scan# 3462

Delta R.T. -0.02 min

Lab File: BM018940.D

Acq: 26 Feb 2019 21:37

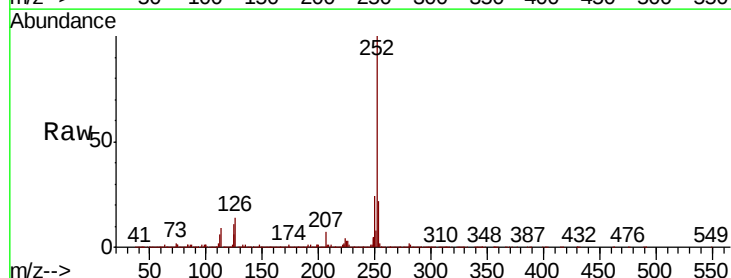
Tgt Ion:252 Resp: 3719832

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

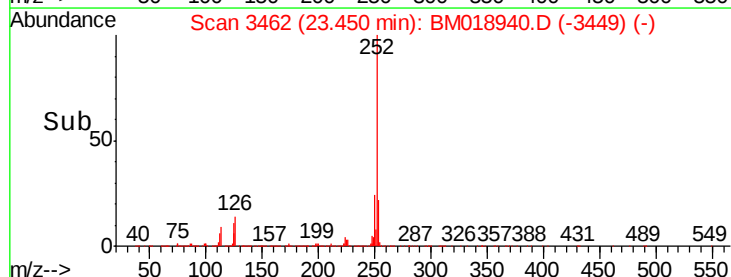
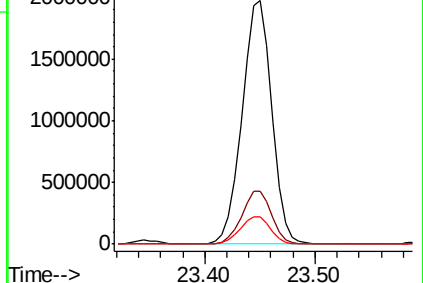
125 11.0 8.6 13.0

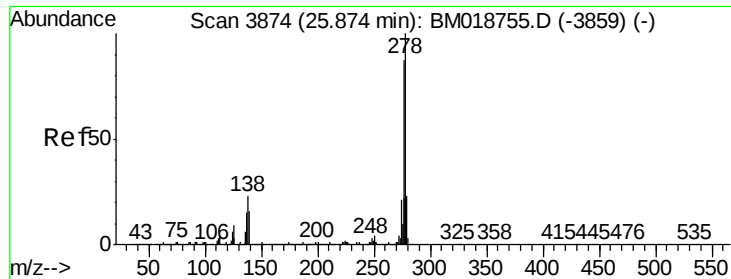


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

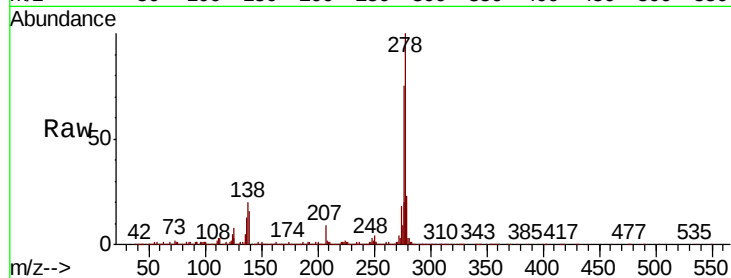




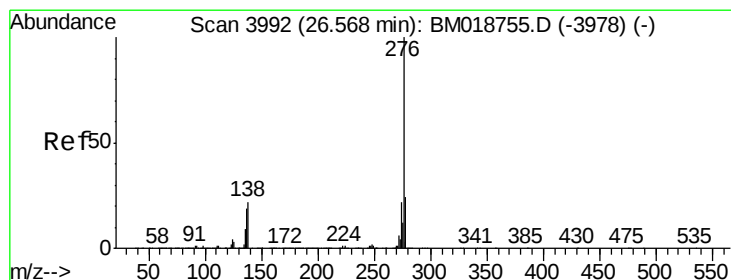
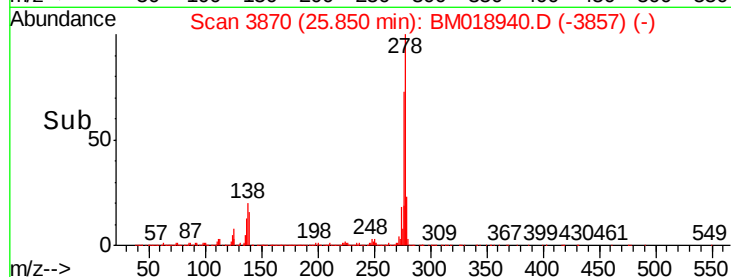
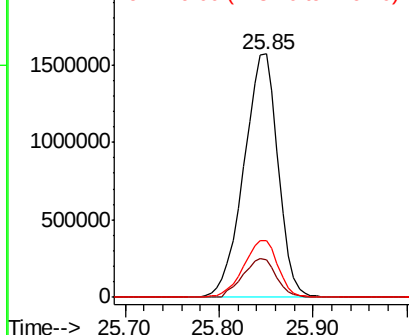
#91
Dibenzo(a,h)anthracene
Concen: 59.969 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Instrument :
BNA_M
ClientSampleId :
WV-EMSD

Tgt Ion:278 Resp: 3940681
Ion Ratio Lower Upper
278 100
139 15.5 12.6 18.8
279 23.4 18.6 28.0

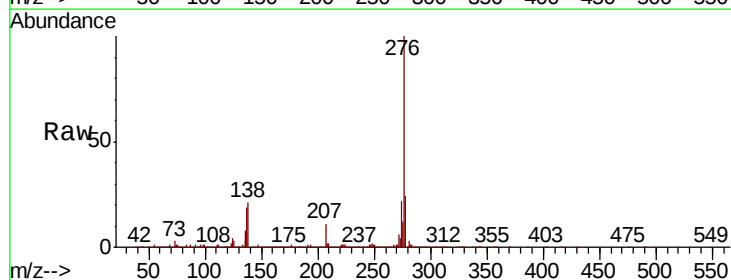


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 62.627 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018940.D
Acq: 26 Feb 2019 21:37

Tgt Ion:276 Resp: 3831247
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 20.8 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

