

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022225.D
 Acq On : 21 Aug 2019 12:39
 Operator : HP/JU
 Sample : K4237-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

Quant Time: Aug 21 14:17:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	36059	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	146151	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	95190	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	188482	20.00	ng	0.00
76) Chrysene-d12	21.19	240	159916	20.00	ng	0.00
87) Perylene-d12	23.39	264	171501	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	209745	103.65	ng	0.00
7) Phenol-d6	6.76	99	282693	104.91	ng	0.00
23) Nitrobenzene-d5	8.74	82	205812	68.49	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	158774	103.05	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	503468	66.06	ng	0.00
79) Terphenyl-d14	19.63	244	716998	65.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	22865	26.969	ng	# 76
3) Pyridine	3.56	79	55432	25.808	ng	# 89
4) n-Nitrosodimethylamine	3.49	42	42731	33.207	ng	# 62
6) Aniline	6.92	93	41940	11.625	ng	95
8) 2-Chlorophenol	7.14	128	81829	33.964	ng	98
9) Benzaldehyde	6.74	77	39747	23.276	ng	93
10) Phenol	6.79	94	100399	35.193	ng	78
11) bis(2-Chloroethyl)ether	7.02	93	67563	29.938	ng	94
12) 1,3-Dichlorobenzene	7.45	146	86612	29.494	ng	# 91
13) 1,4-Dichlorobenzene	7.60	146	89802	30.122	ng	96
14) 1,2-Dichlorobenzene	7.91	146	86710	29.863	ng	98
15) Benzyl Alcohol	7.83	79	73550	31.050	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	91805	29.361	ng	99
17) 2-Methylphenol	8.02	107	66851	32.854	ng	# 92
18) Hexachloroethane	8.62	117	39132	30.233	ng	92
19) n-Nitroso-di-n-propylamine	8.38	70	63719	30.020	ng	# 87
20) 3+4-Methylphenols	8.35	107	89856	32.698	ng	91
22) Acetophenone	8.40	105	122996	32.805	ng	# 88
24) Nitrobenzene	8.78	77	103315	33.581	ng	92
25) Isophorone	9.30	82	171419	32.144	ng	# 97
26) 2-Nitrophenol	9.47	139	44510	34.155	ng	# 72
27) 2,4-Dimethylphenol	9.54	122	74614	37.985	ng	91
28) bis(2-Chloroethoxy)methane	9.77	93	100444	31.838	ng	99
29) 2,4-Dichlorophenol	10.00	162	83097	35.056	ng	97
30) 1,2,4-Trichlorobenzene	10.20	180	92613	31.719	ng	98
31) Naphthalene	10.39	128	249095	32.816	ng	98
33) 4-Chloroaniline	10.54	127	15838	4.986	ng	# 92
34) Hexachlorobutadiene	10.65	225	78701	31.414	ng	99
35) Caprolactam	11.36	113	14947	23.458	ng	86
36) 4-Chloro-3-methylphenol	11.66	107	87444	34.900	ng	97
37) 2-Methylnaphthalene	12.01	142	184761	33.301	ng	# 93
38) 1-Methylnaphthalene	12.23	142	174725	32.970	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	127202	34.139	ng	98
41) Hexachlorocyclopentadiene	12.34	237	119568	58.075	ng	97

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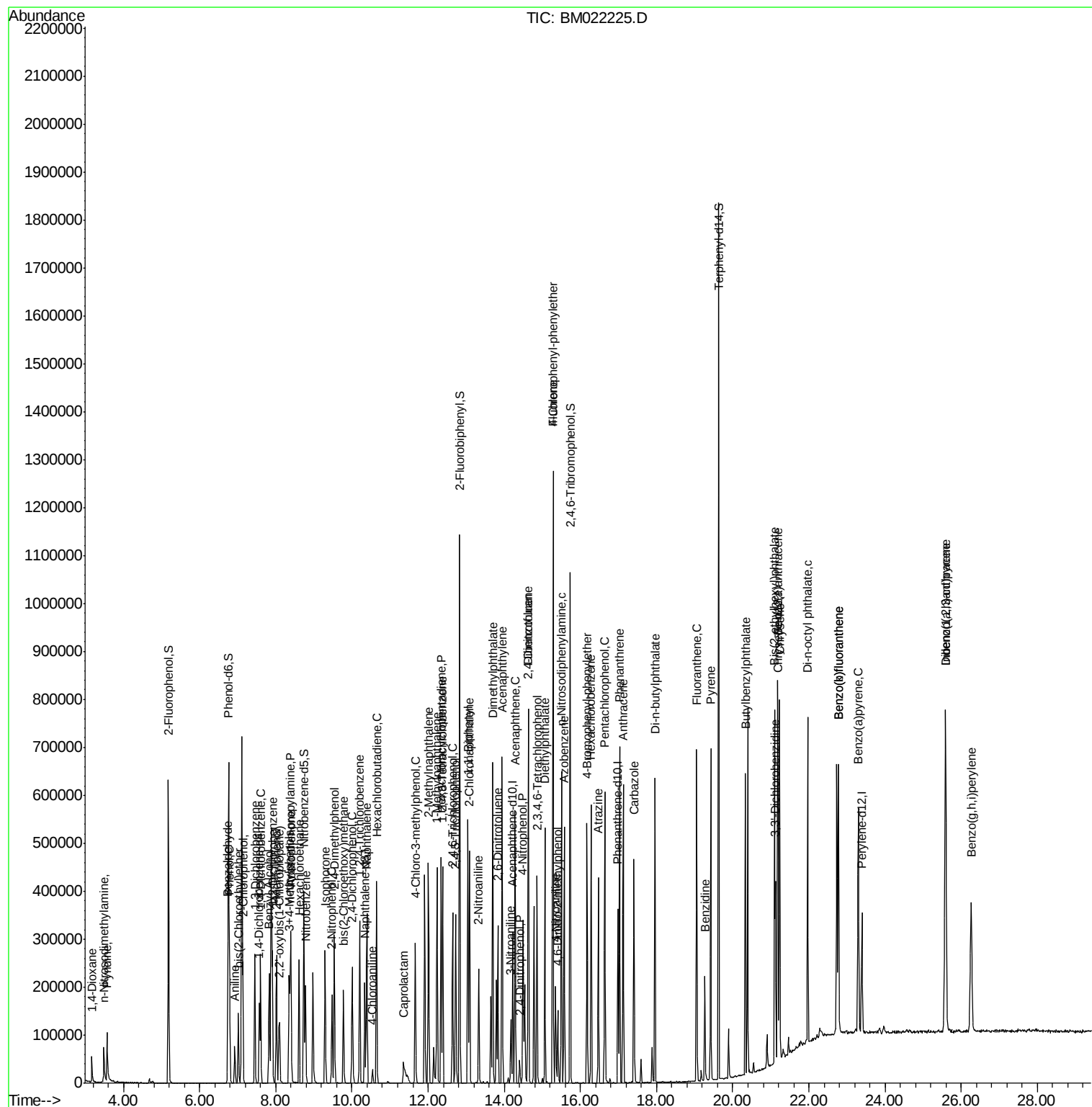
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.65	196	74940	33.551	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	80563	35.533	ng #	96
46) 1,1'-Biphenyl	13.05	154	244273	32.630	ng	98
47) 2-Chloronaphthalene	13.09	162	193186	31.356	ng	95
48) 2-Nitroaniline	13.33	65	60384	31.007	ng #	84
49) Acenaphthylene	13.95	152	309533	32.754	ng	99
50) Dimethylphthalate	13.70	163	377541	47.175	ng	99
51) 2,6-Dinitrotoluene	13.83	165	52598	33.280	ng #	55
52) Acenaphthene	14.29	154	177753	32.254	ng	98
53) 3-Nitroaniline	14.17	138	28965	18.403	ng	95
54) 2,4-Dinitrophenol	14.40	184	10872	16.369	ng #	78
55) Dibenzofuran	14.63	168	301715	32.947	ng #	89
56) 4-Nitrophenol	14.49	139	76841	73.252	ng #	51
57) 2,4-Dinitrotoluene	14.64	165	74210	32.707	ng #	62
58) Fluorene	15.28	166	242224	31.376	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	77080	34.099	ng #	94
60) Diethylphthalate	15.07	149	271086	32.122	ng	96
61) 4-Chlorophenyl-phenylether	15.28	204	152292	31.301	ng	96
62) 4-Nitroaniline	15.35	138	43278	29.709	ng #	47
63) Azobenzene	15.57	77	266268	32.742	ng	84
65) 4,6-Dinitro-2-methylphenol	15.40	198	29600	27.301	ng	85
66) n-Nitrosodiphenylamine	15.50	169	202722	33.543	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	91706	32.834	ng	95
68) Hexachlorobenzene	16.28	284	97878	30.846	ng #	84
69) Atrazine	16.47	200	76959	38.455	ng	97
70) Pentachlorophenol	16.64	266	94414	61.157	ng	99
71) Phenanthrene	17.03	178	349829	32.006	ng	99
72) Anthracene	17.12	178	350349	32.290	ng	99
73) Carbazole	17.41	167	283483	31.311	ng	98
74) Di-n-butylphthalate	17.96	149	411253	29.938	ng #	97
75) Fluoranthene	19.06	202	391028	29.666	ng	98
77) Benzidine	19.27	184	111913	31.201	ng	99
78) Pyrene	19.42	202	387813	34.453	ng	99
80) Butylbenzylphthalate	20.33	149	155630	30.912	ng	87
81) Benzo(a)anthracene	21.18	228	350909	31.202	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	101346	25.846	ng	99
83) Chrysene	21.23	228	341581	31.464	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	235918	31.159	ng #	92
85) Di-n-octyl phthalate	21.97	149	364557	29.747	ng #	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	423900	34.858	ng	97
88) Benzo(b)fluoranthene	22.78	252	333255	29.101	ng	99
89) Benzo(k)fluoranthene	22.78	252	343468	30.684	ng	99
90) Benzo(a)pyrene	23.30	252	338836	32.490	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	361047	32.582	ng #	97
92) Benzo(g,h,i)perylene	26.26	276	333184	34.392	ng #	96

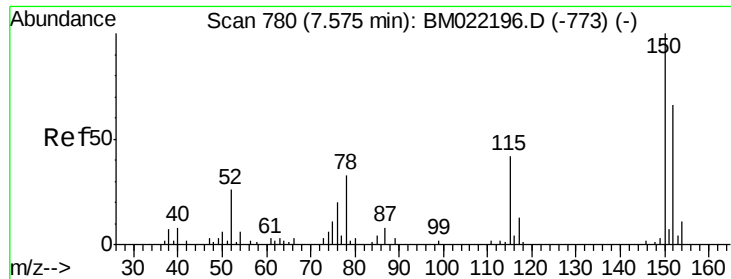
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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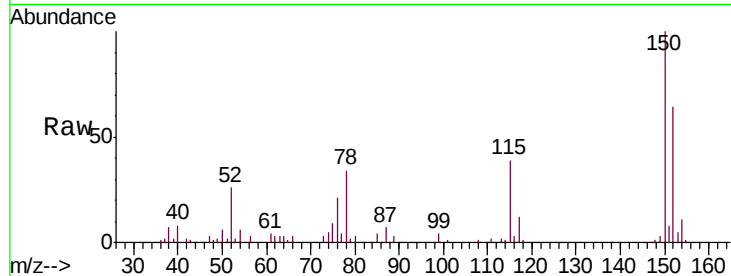


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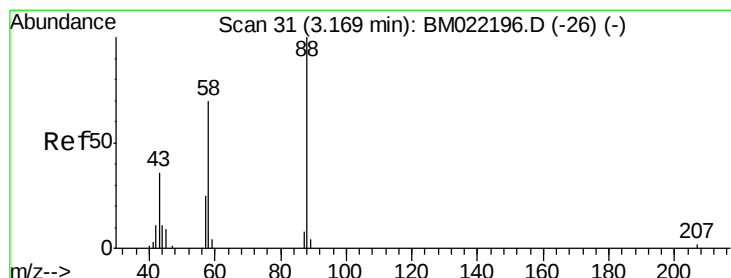
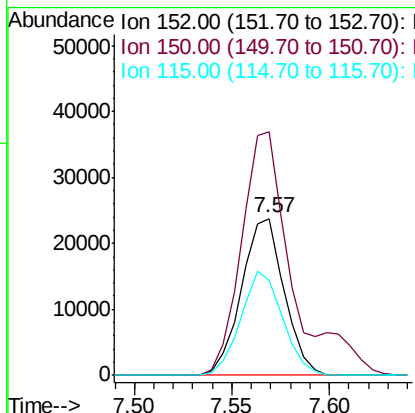
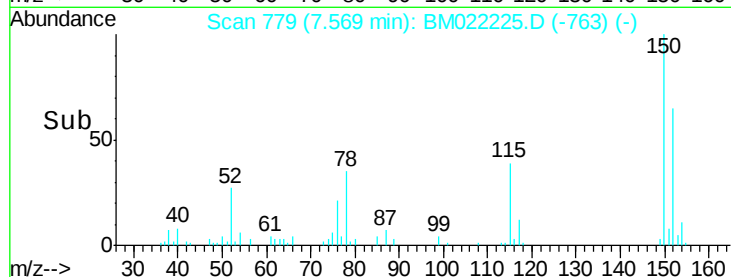
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

Tgt Ion:152 Resp: 36059
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.1 184.7
 115 60.5 44.2 66.4



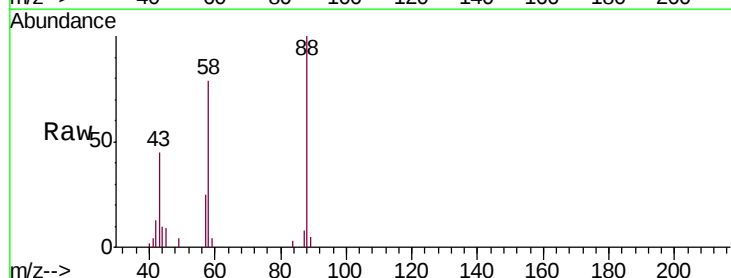
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



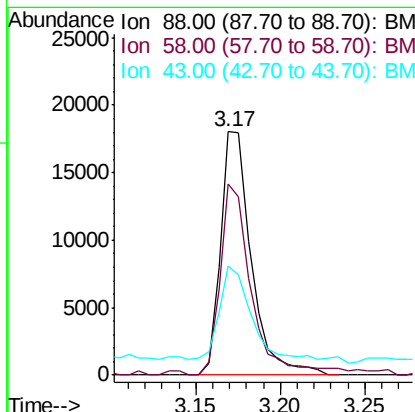
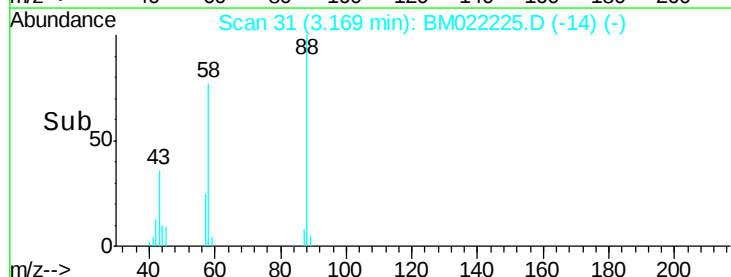
#2

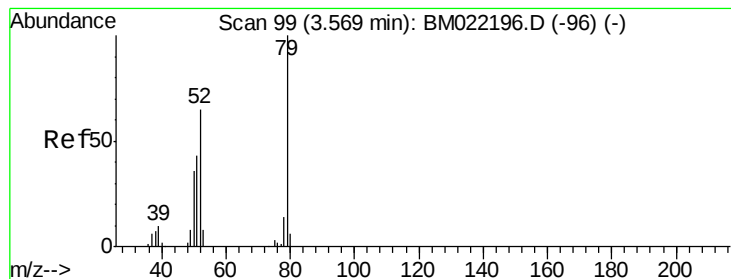
1,4-Dioxane
 Concen: 26.969 ng
 RT: 3.17 min Scan# 31
 Delta R.T. 0.00 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion: 88 Resp: 22865
 Ion Ratio Lower Upper
 88 100
 58 80.0 51.9 77.9#
 43 44.5 21.4 32.2#



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: 25.808 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

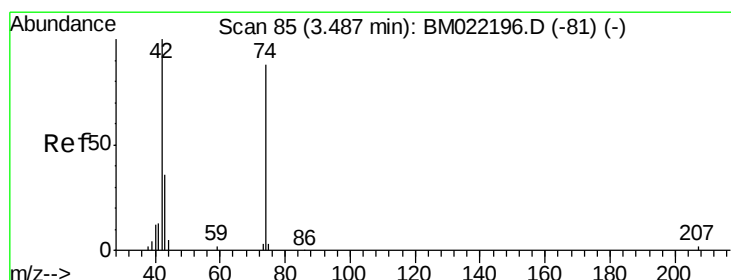
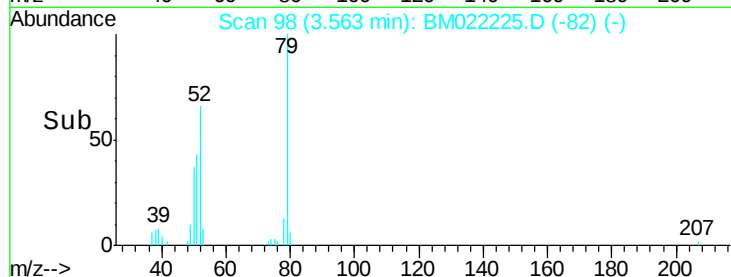
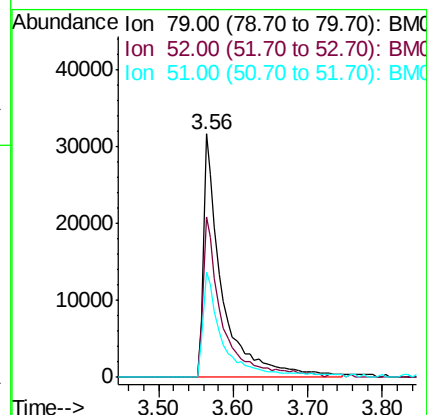
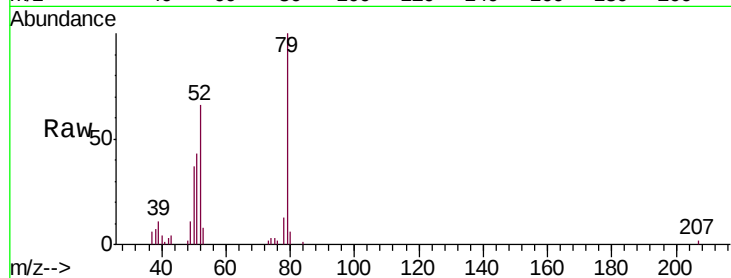
Tgt Ion: 79 Resp: 55432

Ion Ratio Lower Upper

79 100

52 65.9 48.8 73.2

51 43.1 25.7 38.5#



#4

n-Nitrosodimethylamine

Concen: 33.207 ng

RT: 3.49 min Scan# 85

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

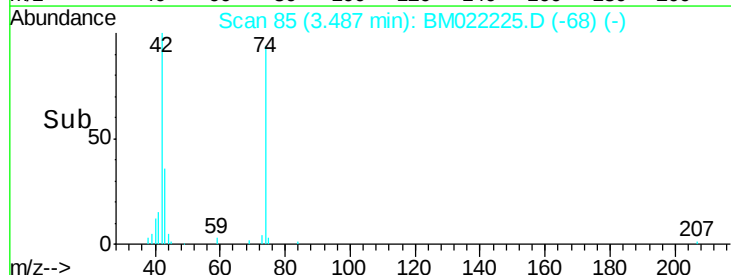
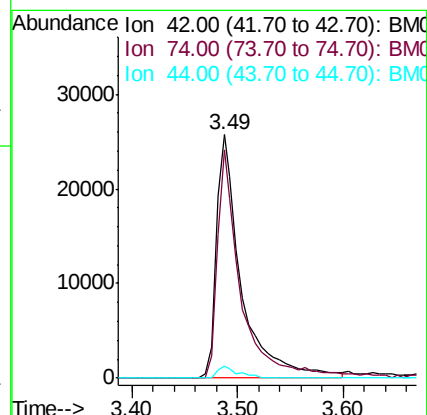
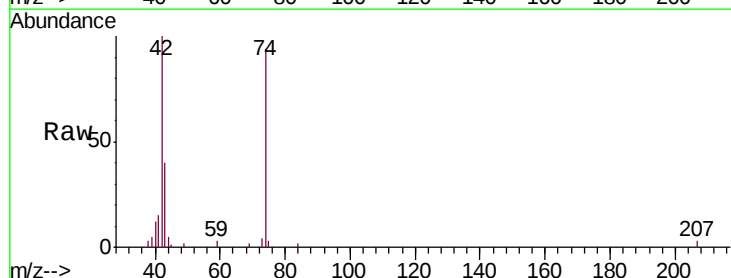
Tgt Ion: 42 Resp: 42731

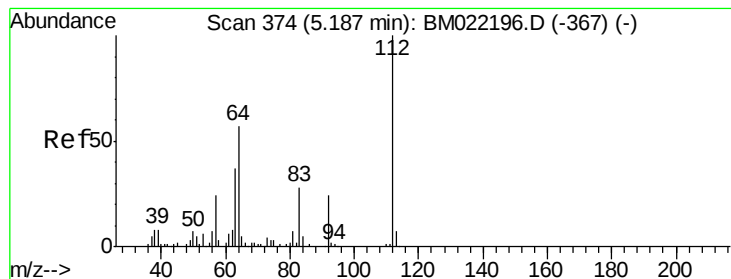
Ion Ratio Lower Upper

42 100

74 93.6 113.8 170.6#

44 5.0 8.2 12.2#





#5

2-Fluorophenol

Concen: 103.653 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

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SB-05(13-14)MS

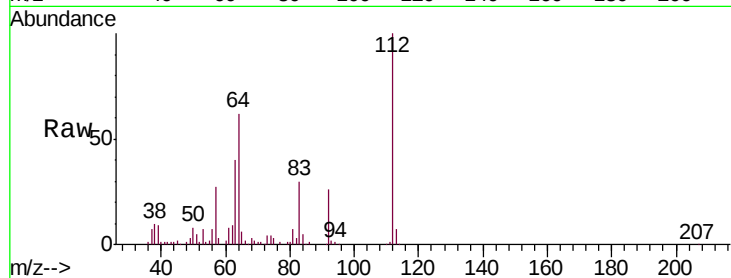
Tgt Ion: 112 Resp: 209745

Ion Ratio Lower Upper

112 100

64 62.2 45.2 67.8

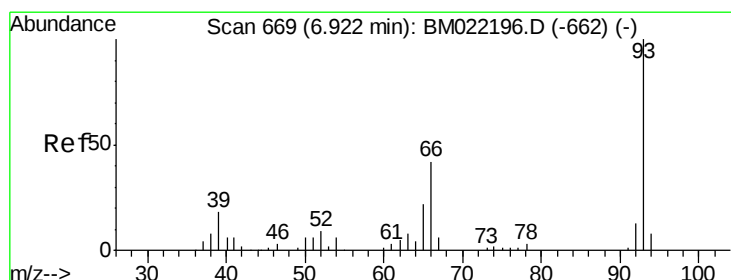
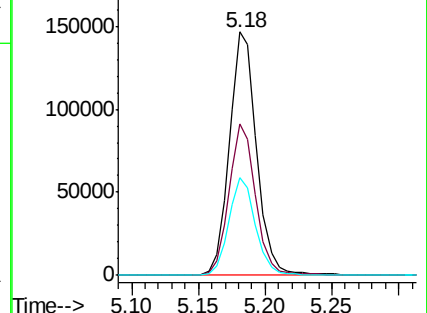
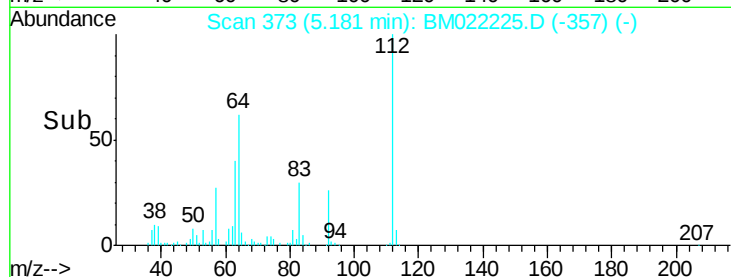
63 40.2 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 11.625 ng

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

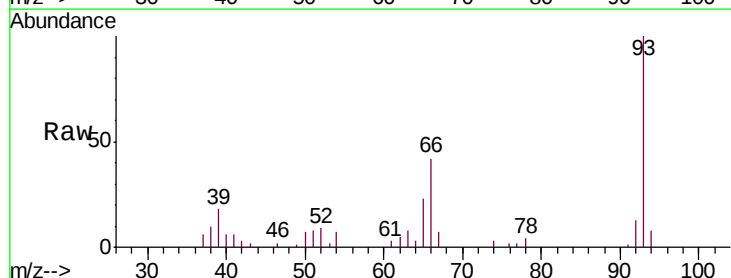
Tgt Ion: 93 Resp: 41940

Ion Ratio Lower Upper

93 100

66 41.8 31.3 46.9

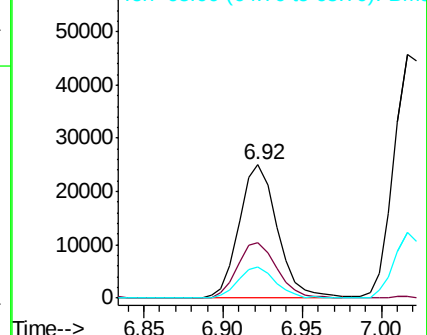
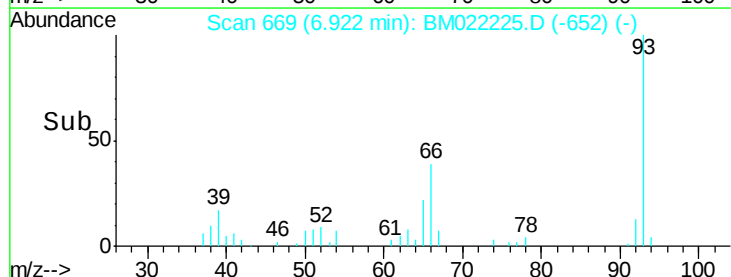
65 23.2 15.9 23.9

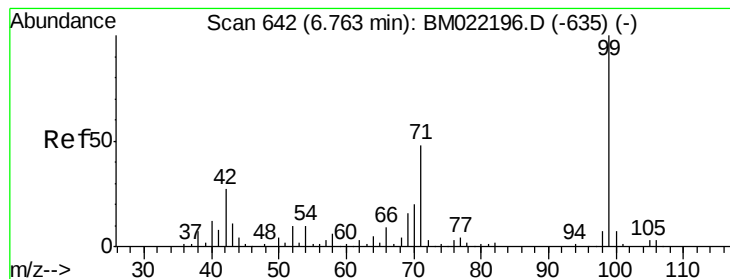


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.907 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022225.D

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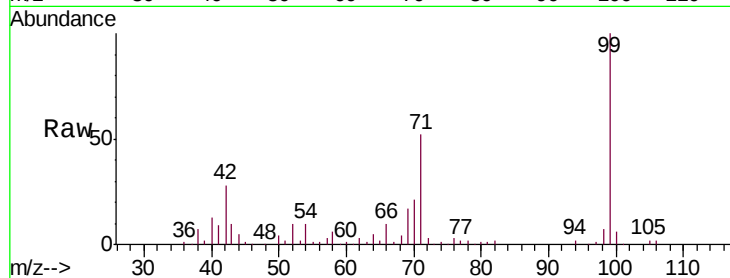
Tgt Ion: 99 Resp: 282693

Ion Ratio Lower Upper

99 100

42 27.7 13.5 20.3#

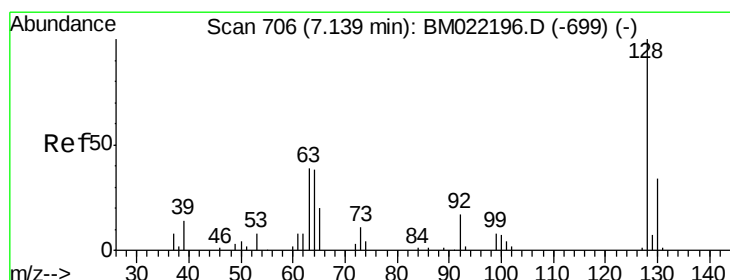
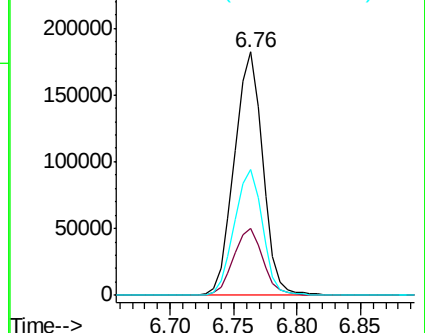
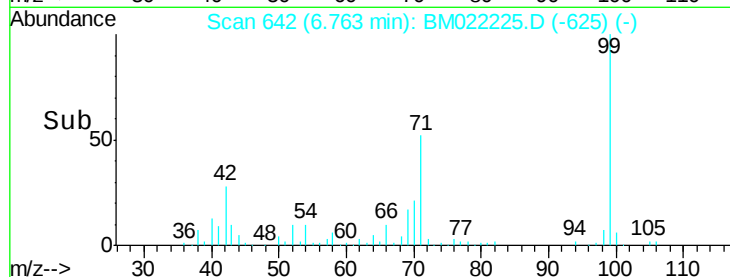
71 51.9 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022225.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022225.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022225.D (-625) (-)



#8

2-Chlorophenol

Concen: 33.964 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

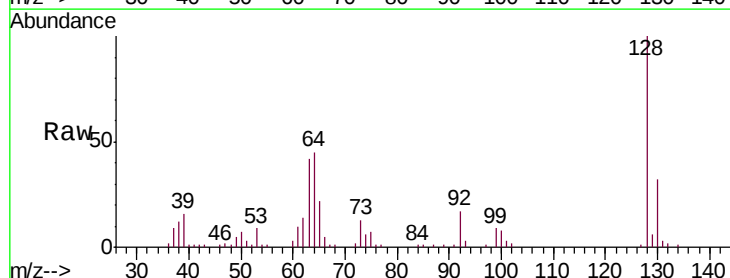
Tgt Ion: 128 Resp: 81829

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

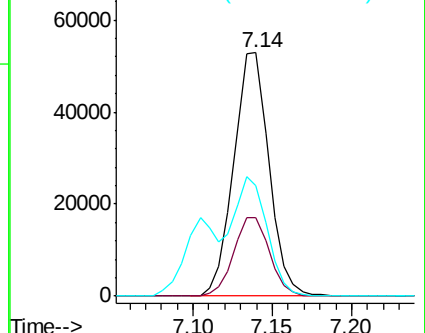
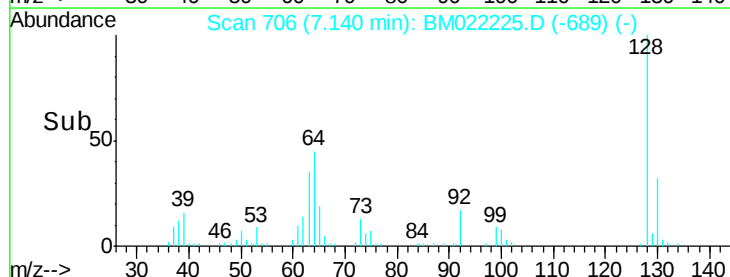
64 45.2 23.2 63.2

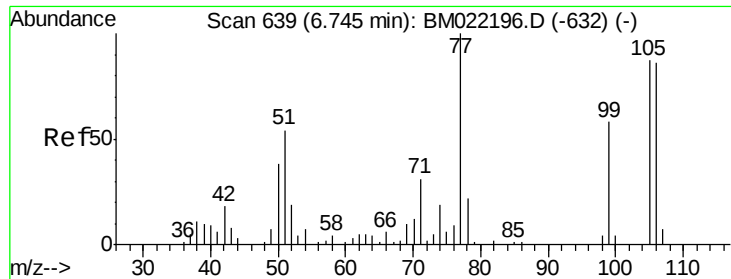


Abundance Ion 128.00 (127.70 to 128.70): BM022225.D (-689) (-)

Ion 130.00 (129.70 to 130.70): BM022225.D (-689) (-)

Ion 64.00 (63.70 to 64.70): BM022225.D (-689) (-)





#9

Benzaldehyde

Concen: 23.276 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

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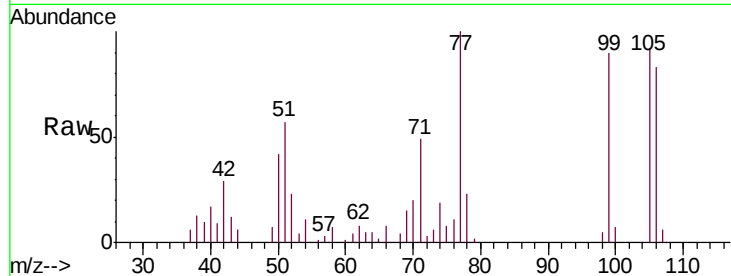
Tgt Ion: 77 Resp: 39747

Ion Ratio Lower Upper

77 100

105 92.0 77.8 117.8

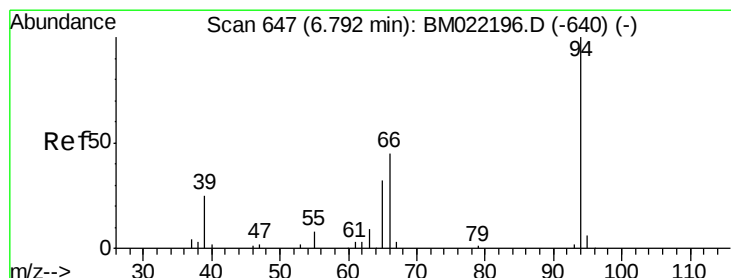
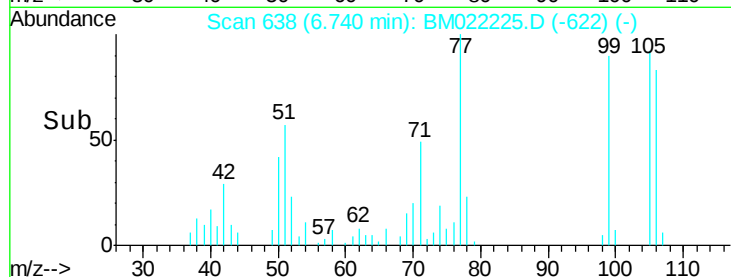
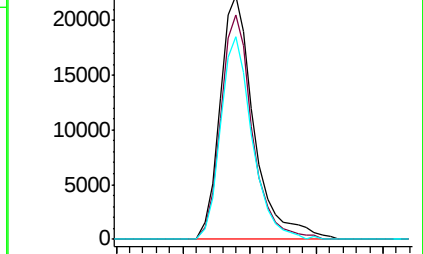
106 83.0 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM022225.D (-622) (-)

Ion 105.00 (104.70 to 105.70): BM022225.D (-622) (-)

Ion 106.00 (105.70 to 106.70): BM022225.D (-622) (-)



#10

Phenol

Concen: 35.193 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

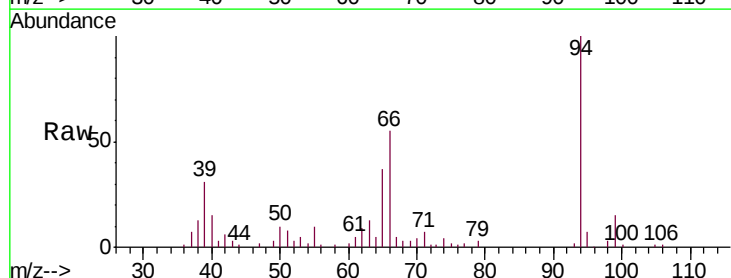
Tgt Ion: 94 Resp: 100399

Ion Ratio Lower Upper

94 100

65 37.4 8.7 48.7

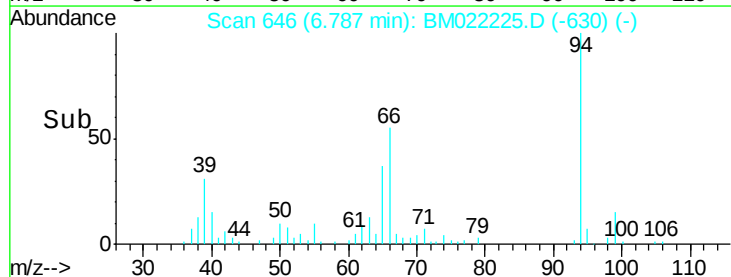
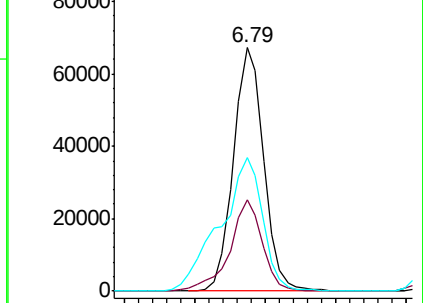
66 54.6 19.0 59.0

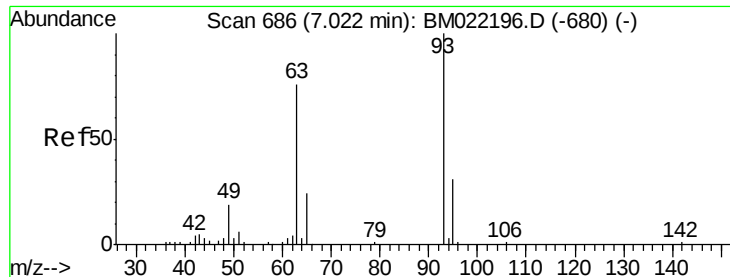


Abundance Ion 94.00 (93.70 to 94.70): BM022225.D (-630) (-)

Ion 65.00 (64.70 to 65.70): BM022225.D (-630) (-)

Ion 66.00 (65.70 to 66.70): BM022225.D (-630) (-)

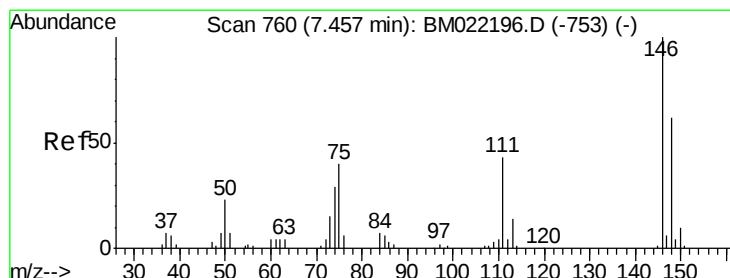
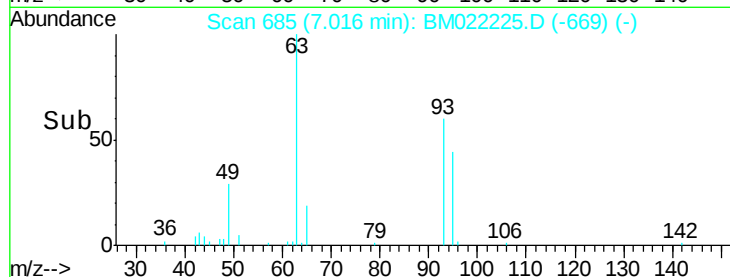
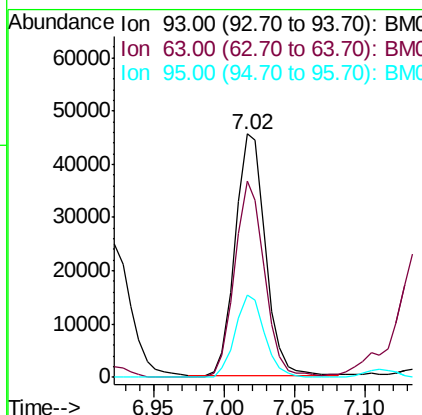
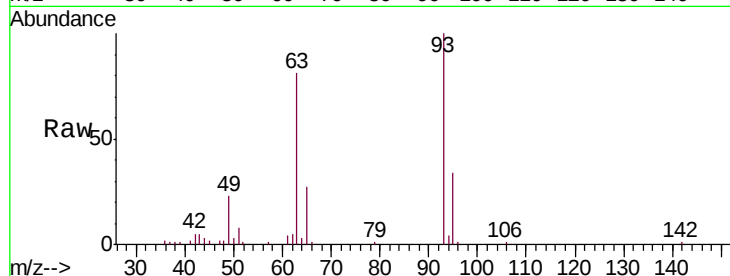




#11
bis(2-Chloroethyl)ether
Concen: 29.938 ng
RT: 7.02 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

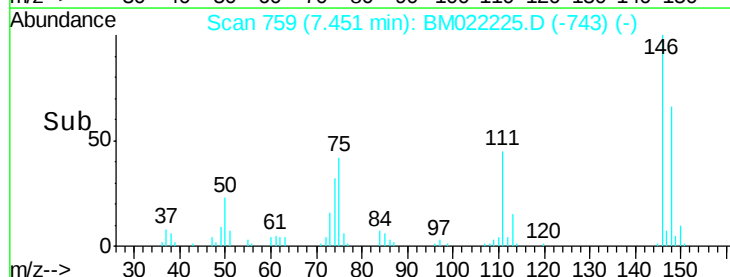
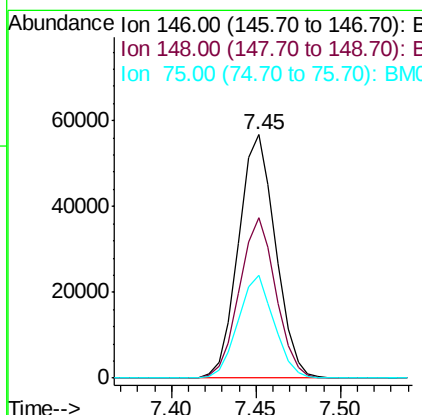
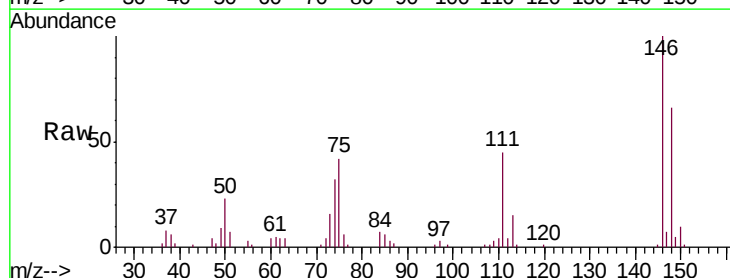
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

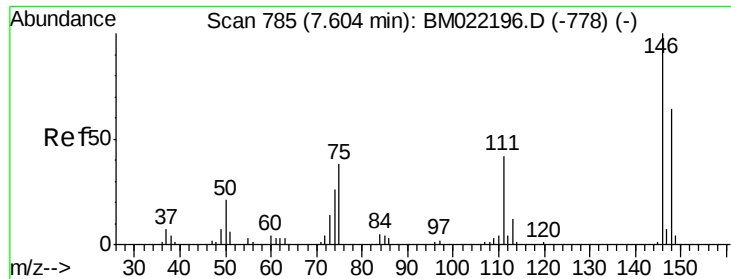
Tgt Ion: 93 Resp: 67563
Ion Ratio Lower Upper
93 100
63 80.8 53.4 93.4
95 33.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 29.494 ng
RT: 7.45 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 146 Resp: 86612
Ion Ratio Lower Upper
146 100
148 65.7 52.2 78.2
75 42.2 22.2 33.4#

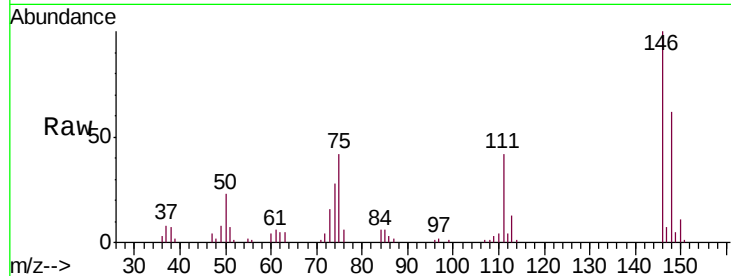




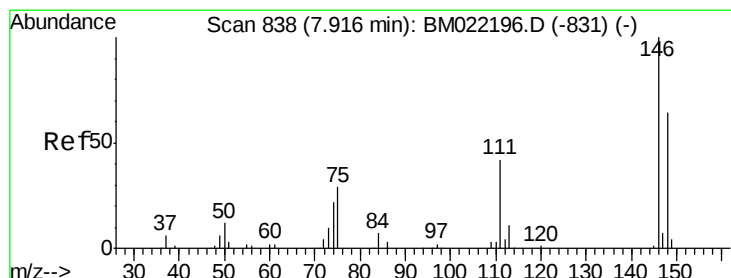
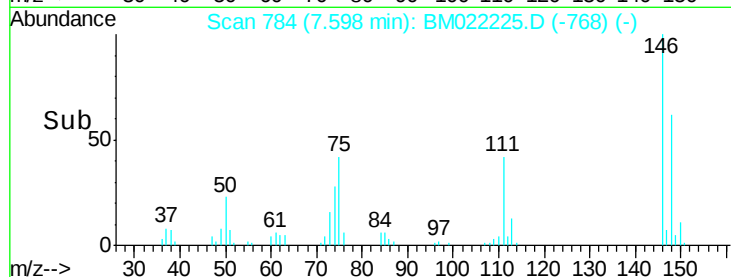
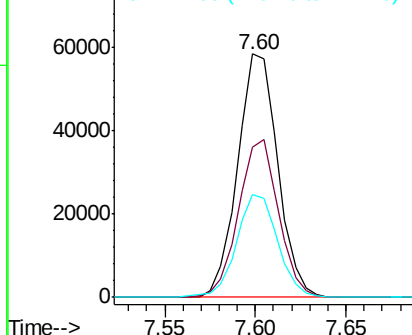
#13
 1,4-Dichlorobenzene
 Concen: 30.122 ng
 RT: 7.60 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

Tgt Ion:146 Resp: 89802
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.9 77.9
 111 42.2 31.4 47.0

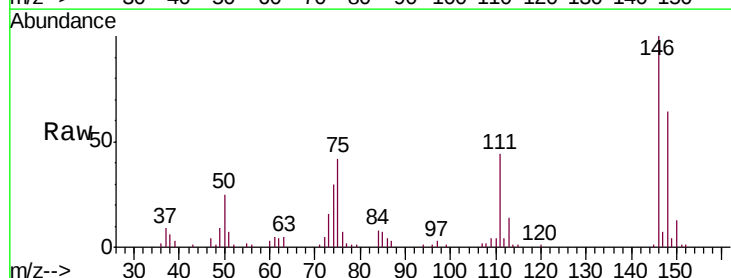


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

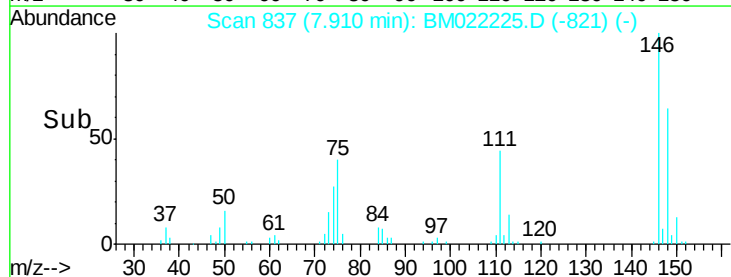
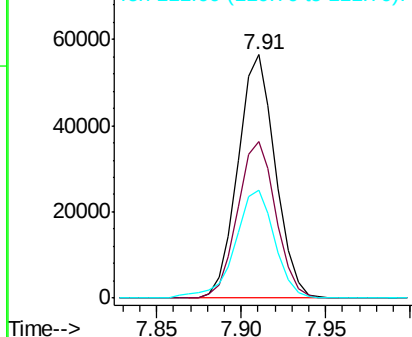


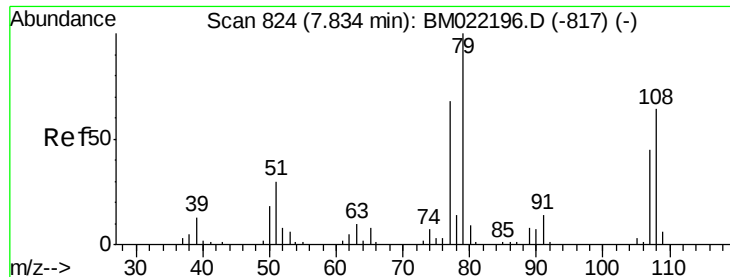
#14
 1,2-Dichlorobenzene
 Concen: 29.863 ng
 RT: 7.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:146 Resp: 86710
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 44.1 32.8 49.2



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





#15

Benzyl Alcohol

Concen: 31.050 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

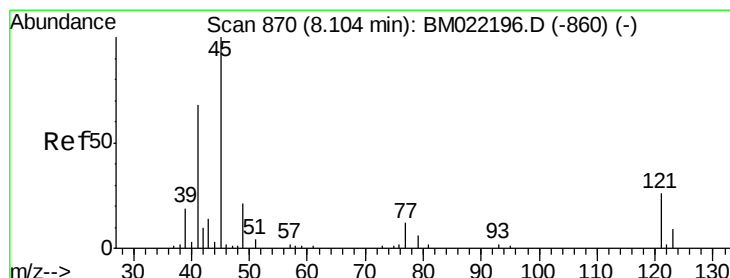
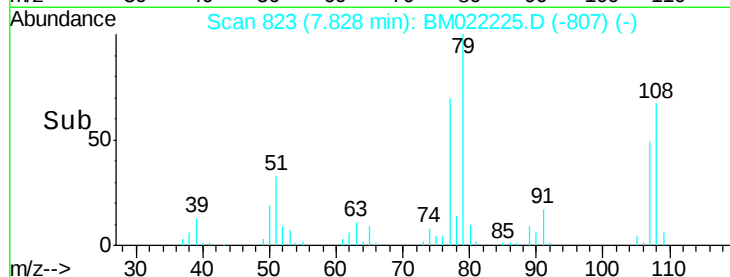
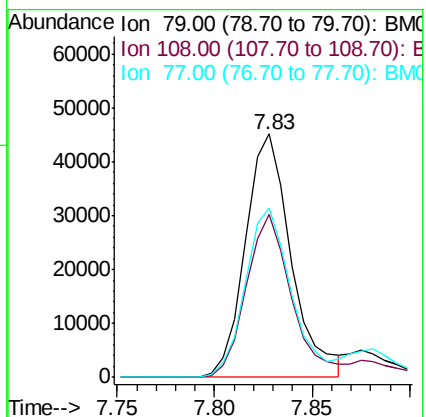
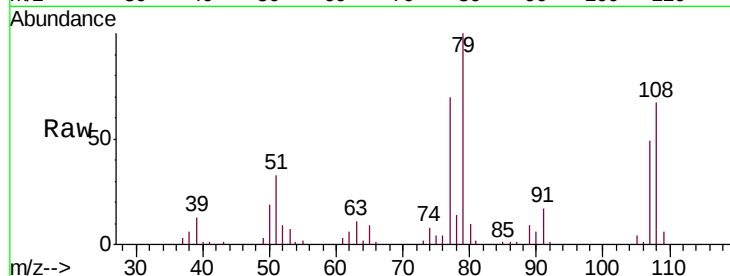
Tgt Ion: 79 Resp: 73550

Ion Ratio Lower Upper

79 100

108 67.2 58.4 87.6

77 69.6 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.361 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

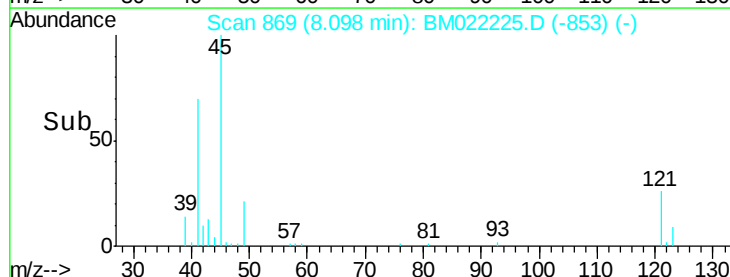
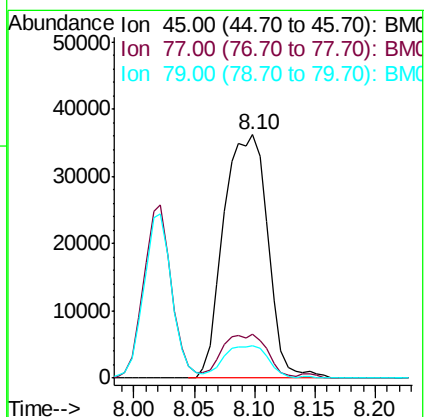
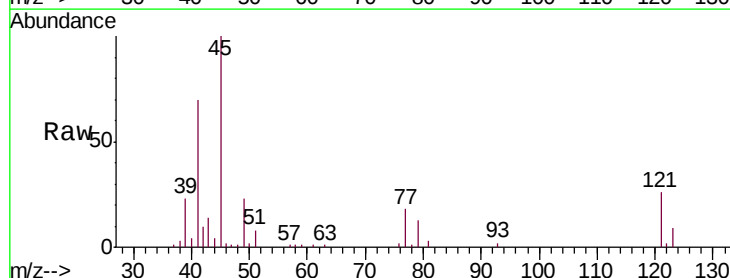
Tgt Ion: 45 Resp: 91805

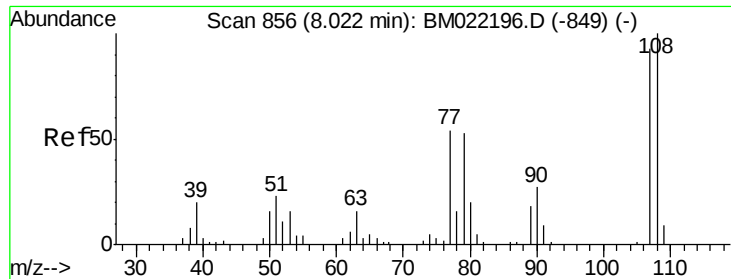
Ion Ratio Lower Upper

45 100

77 18.2 0.0 37.5

79 13.3 0.0 33.5

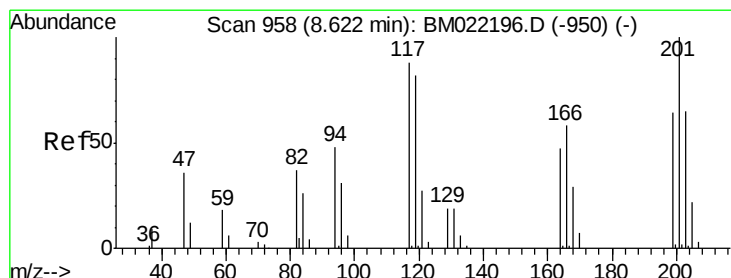
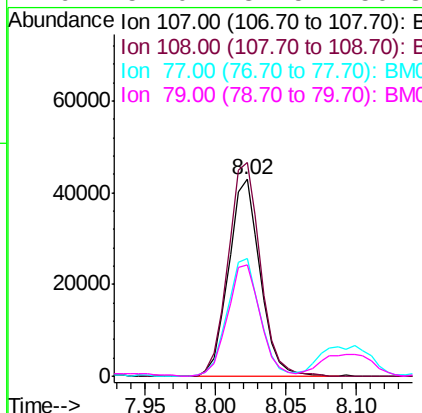
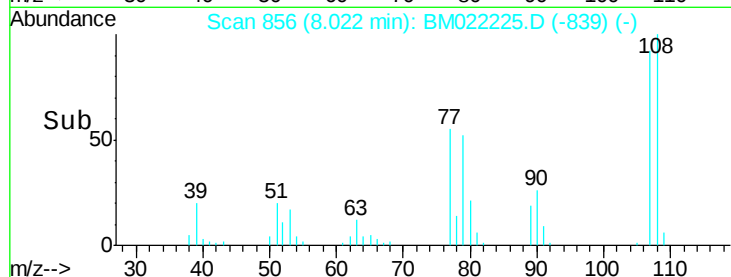
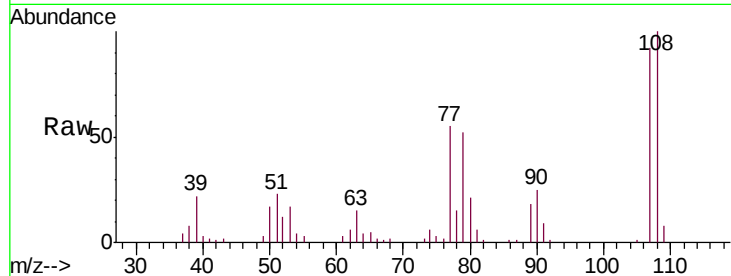




#17
2-Methylphenol
Concen: 32.854 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

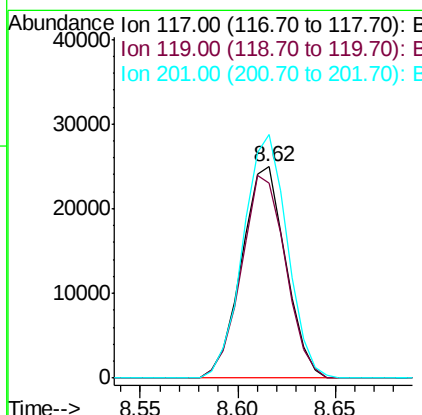
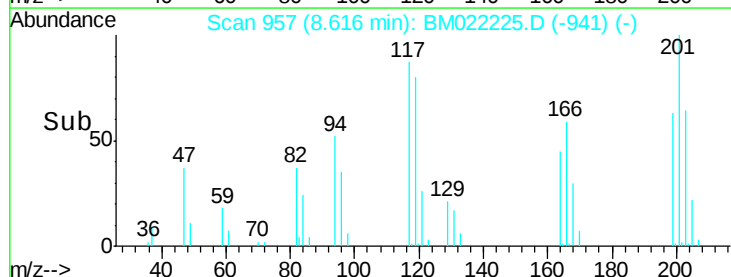
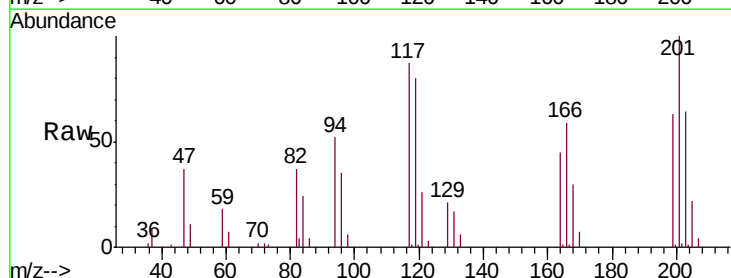
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

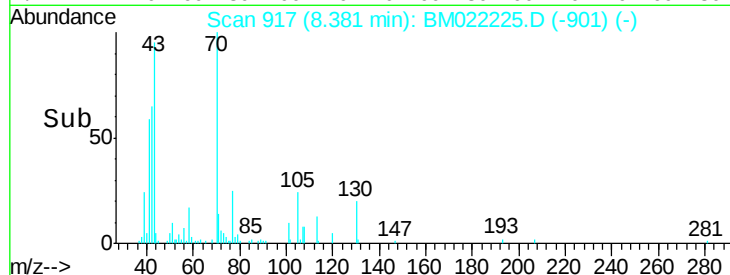
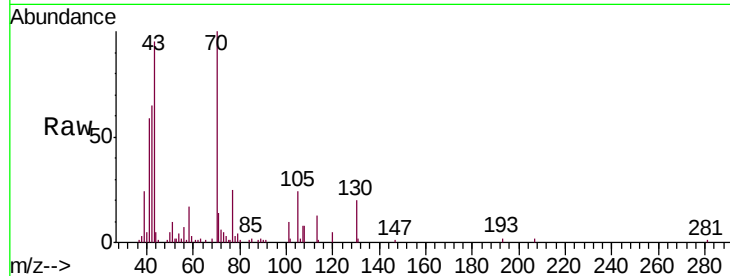
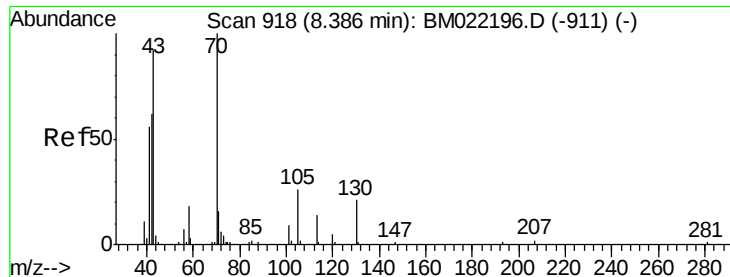
Tgt Ion:107 Resp: 66851
Ion Ratio Lower Upper
107 100
108 108.7 87.5 131.3
77 60.0 37.8 56.8#
79 57.0 37.5 56.3#



#18
Hexachloroethane
Concen: 30.233 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:117 Resp: 39132
Ion Ratio Lower Upper
117 100
119 92.2 77.5 116.3
201 115.2 102.3 153.5

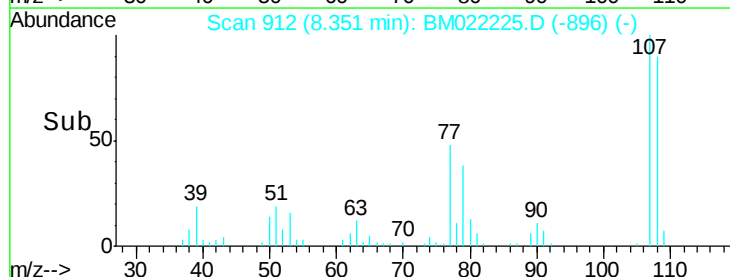
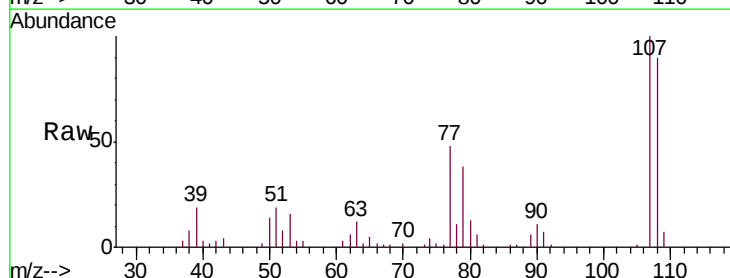
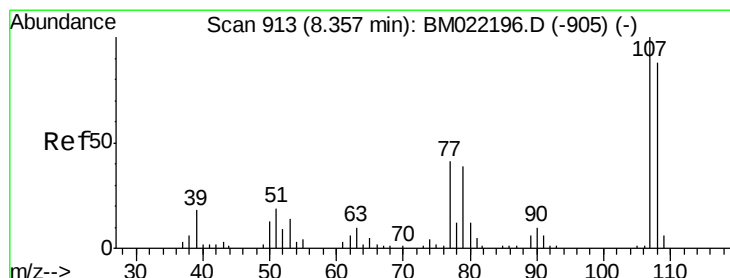
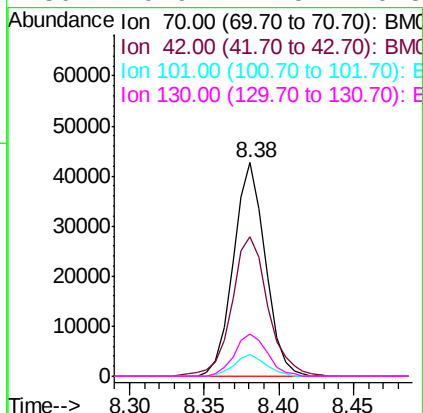




#19
n-Nitroso-di-n-propylamine
Concen: 30.020 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

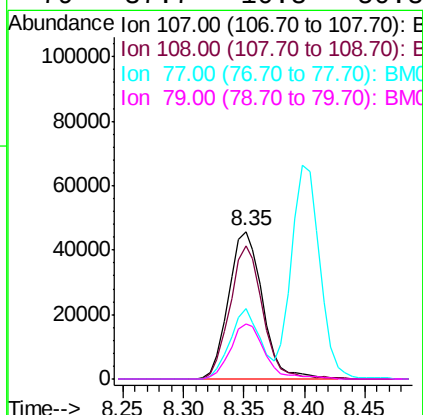
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

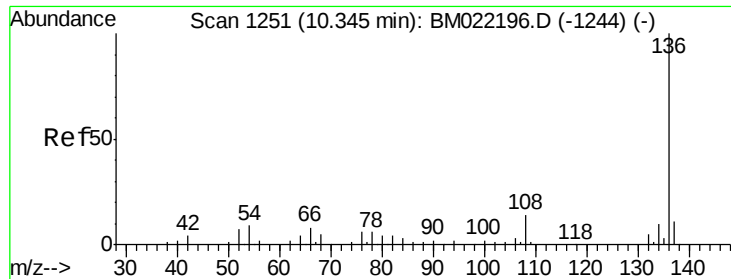
Tgt Ion: 70 Resp: 63719
Ion Ratio Lower Upper
70 100
42 65.5 41.9 62.9#
101 9.9 8.1 12.1
130 19.9 17.5 26.3



#20
3+4-Methylphenols
Concen: 32.698 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 107 Resp: 89856
Ion Ratio Lower Upper
107 100
108 90.4 67.9 107.9
77 47.5 14.6 54.6
79 37.7 10.8 50.8

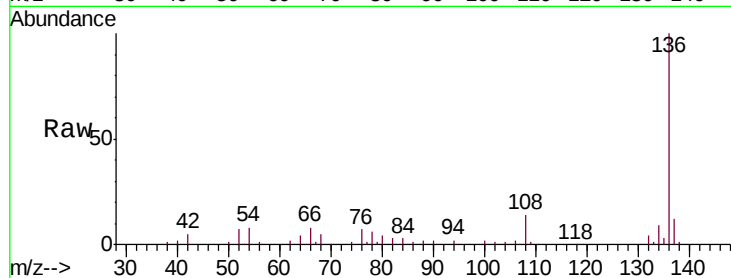




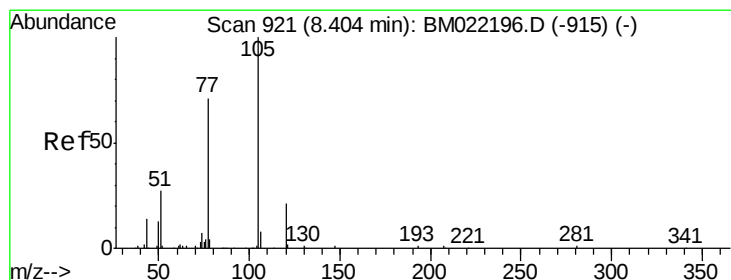
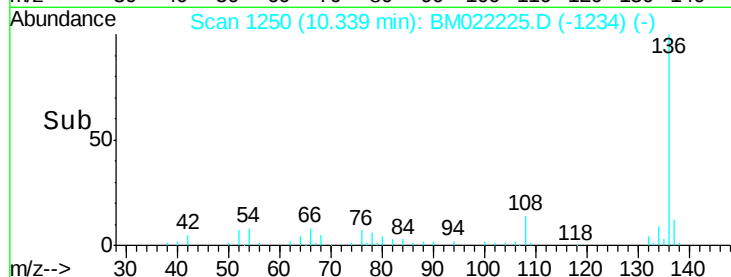
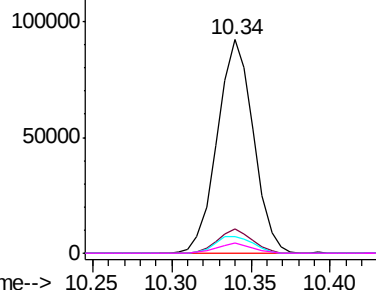
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

Tgt Ion:	136	Resp:	146151
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	8.0	5.3	7.9#
68	4.7	4.4	6.6

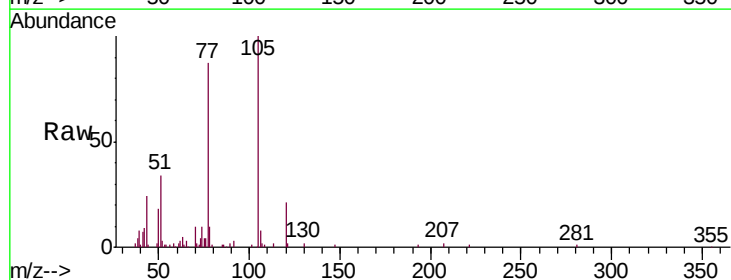


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

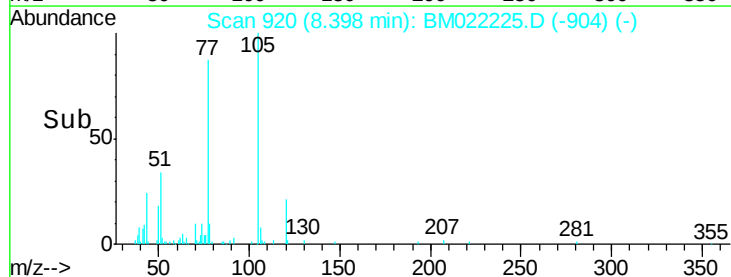
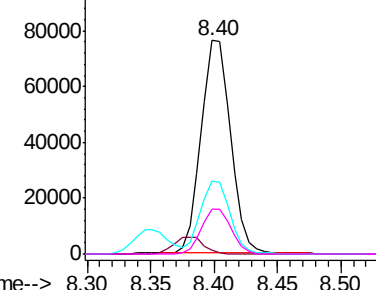


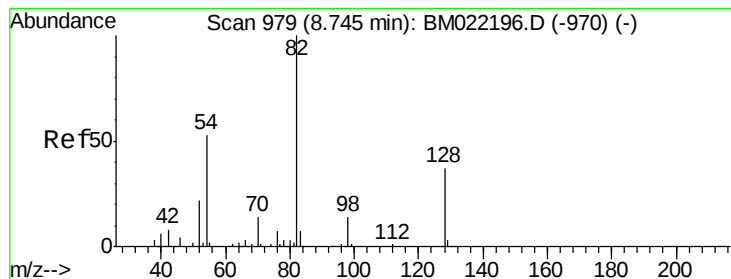
#22
Acetophenone
Concen: 32.805 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:	105	Resp:	122996
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.2	1.8
51	34.4	19.1	28.7#
120	20.8	17.9	26.9



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: 68.491 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

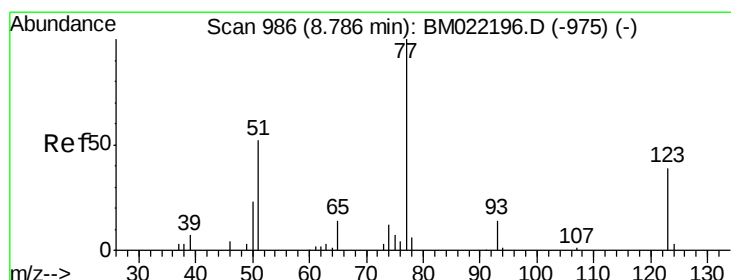
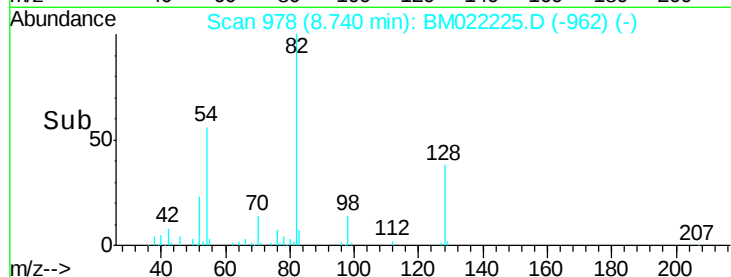
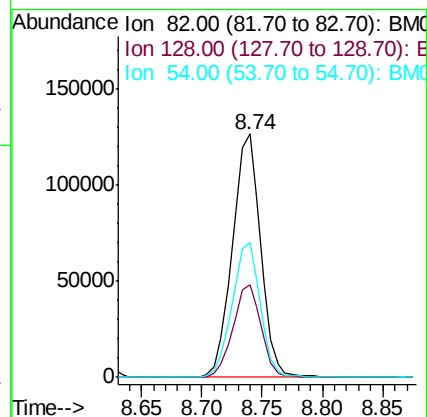
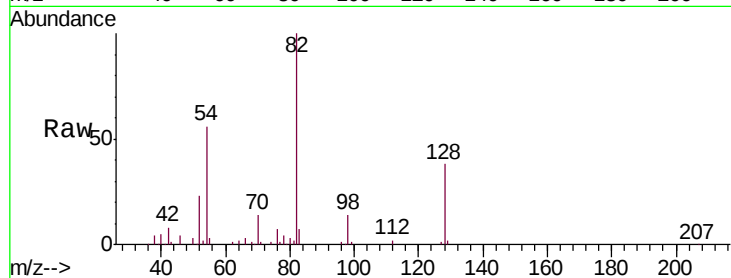
Tgt Ion: 82 Resp: 205812

Ion Ratio Lower Upper

82 100

128 38.1 35.9 53.9

54 55.5 36.6 55.0#



#24

Nitrobenzene

Concen: 33.581 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

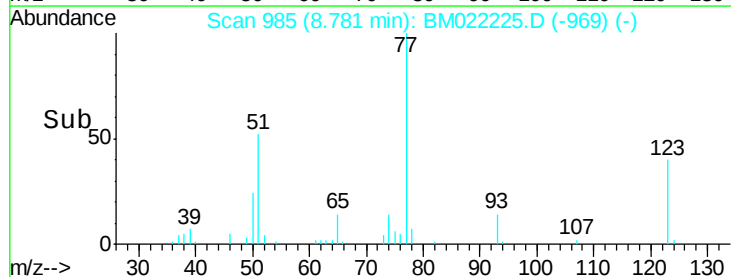
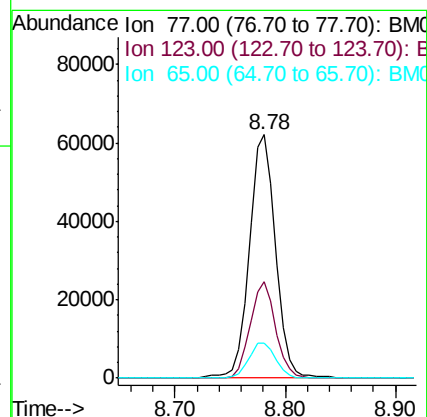
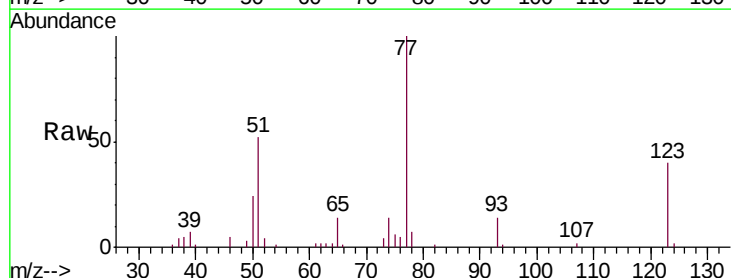
Tgt Ion: 77 Resp: 103315

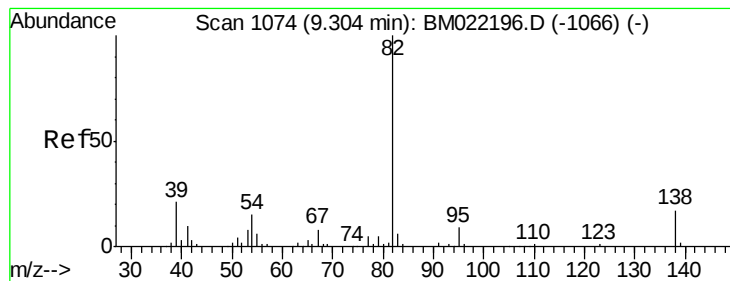
Ion Ratio Lower Upper

77 100

123 39.6 36.3 54.5

65 14.5 10.6 16.0





#25

Isophorone

Concen: 32.144 ng

RT: 9.30 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

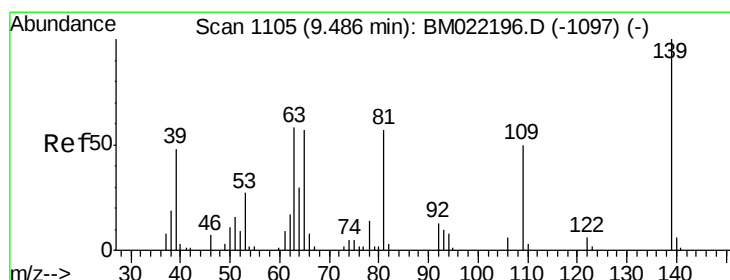
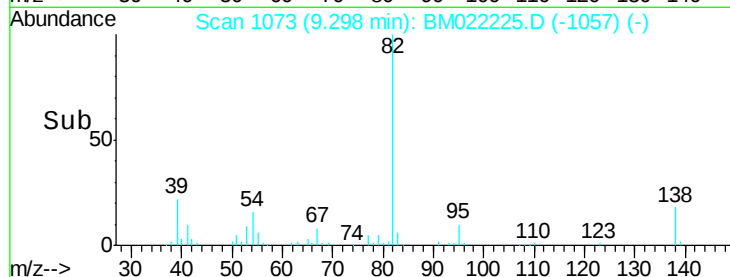
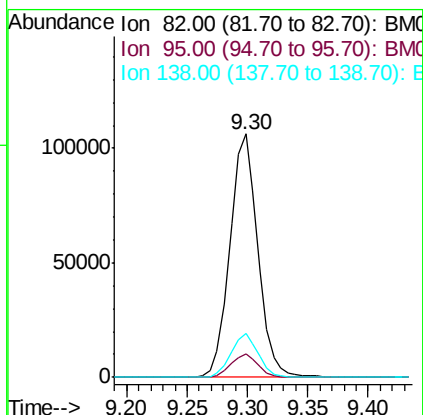
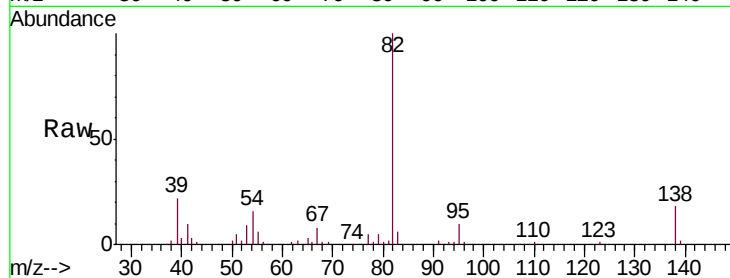
Tgt Ion: 82 Resp: 171419

Ion Ratio Lower Upper

82 100

95 9.5 6.1 9.1#

138 18.0 15.0 22.6



#26

2-Nitrophenol

Concen: 34.155 ng

RT: 9.47 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

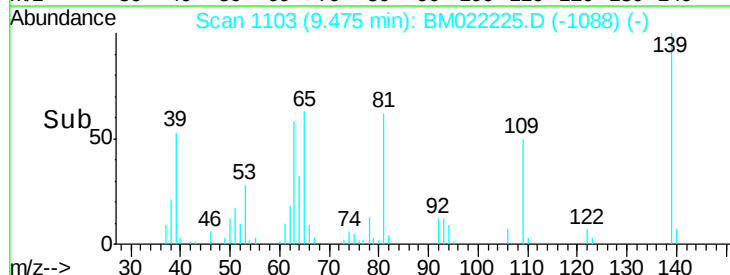
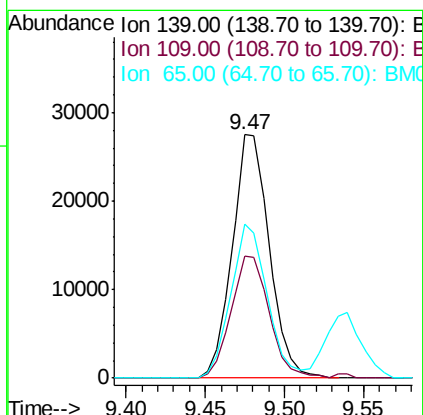
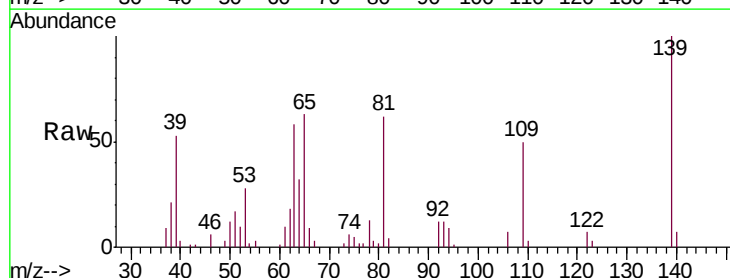
Tgt Ion: 139 Resp: 44510

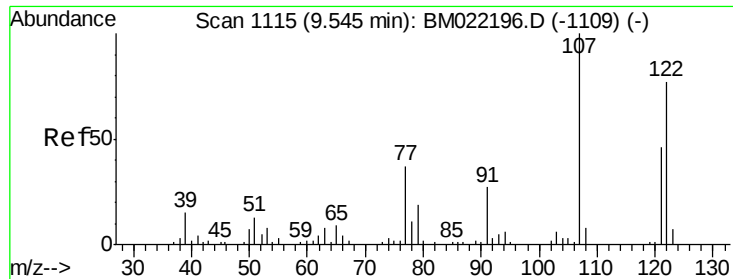
Ion Ratio Lower Upper

139 100

109 50.0 25.2 37.8#

65 63.4 37.4 56.0#

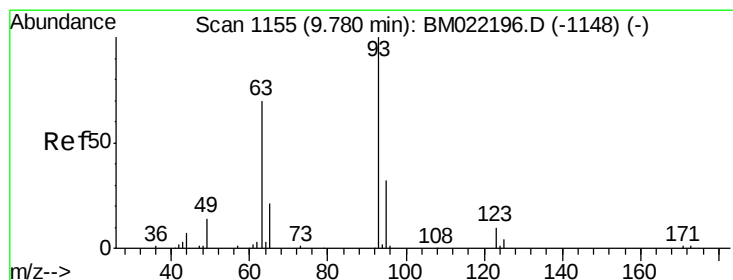
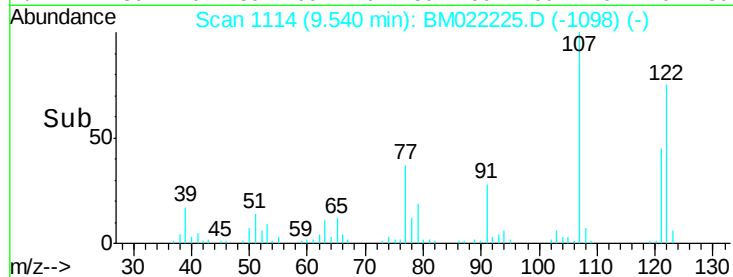
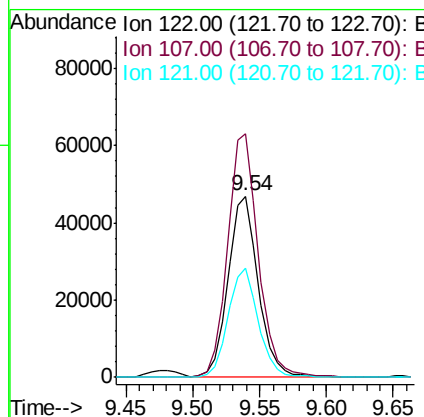
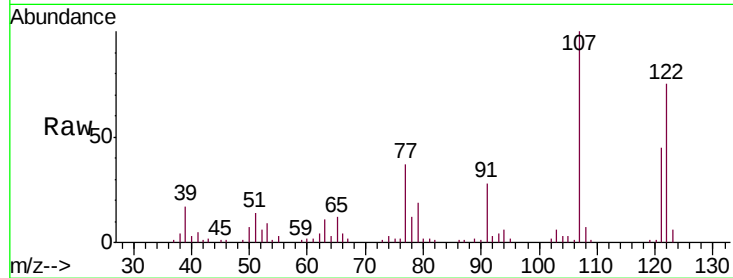




#27
 2,4-Dimethylphenol
 Concen: 37.985 ng
 RT: 9.54 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

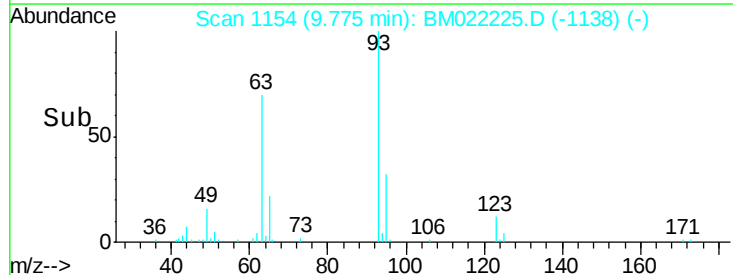
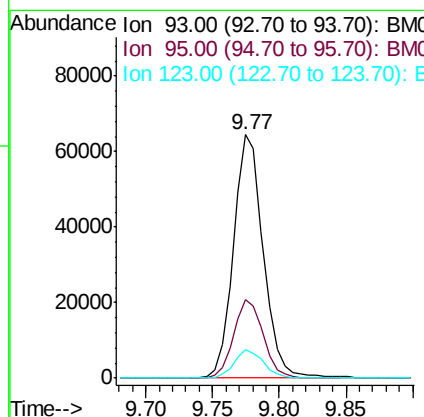
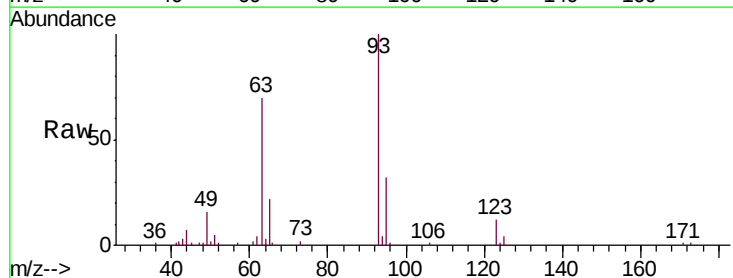
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

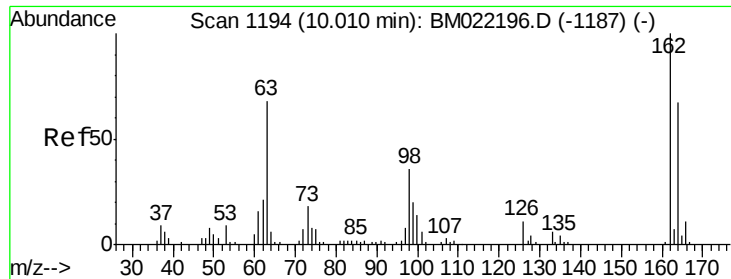
Tgt Ion:122 Resp: 74614
 Ion Ratio Lower Upper
 122 100
 107 134.1 95.3 142.9
 121 60.1 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.838 ng
 RT: 9.77 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion: 93 Resp: 100444
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.2
 123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 35.056 ng

RT: 10.00 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

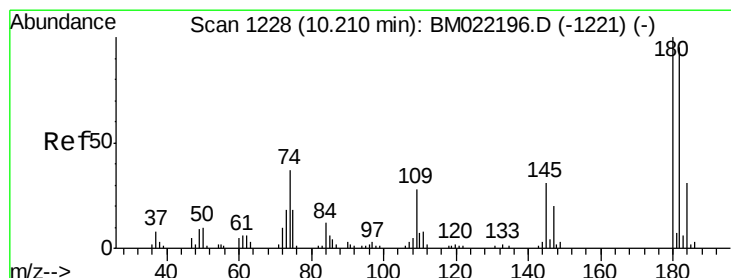
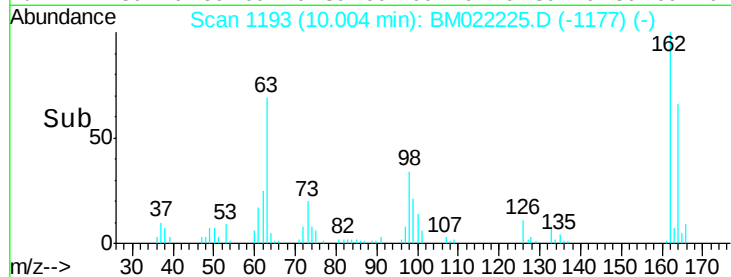
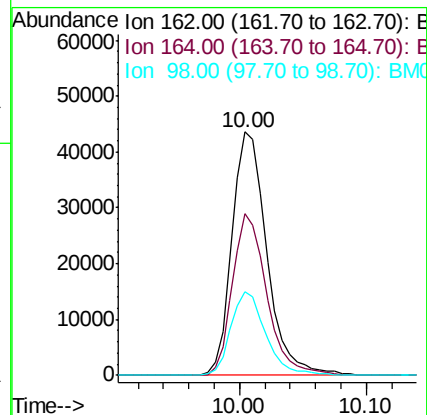
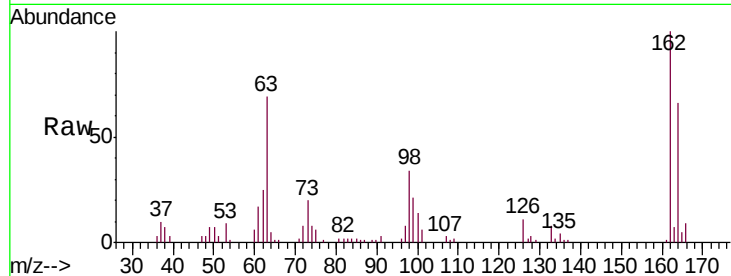
Tgt Ion:162 Resp: 83097

Ion Ratio Lower Upper

162 100

164 66.2 43.7 83.7

98 34.4 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 31.719 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

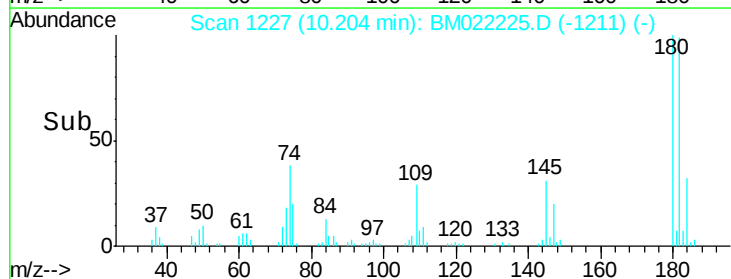
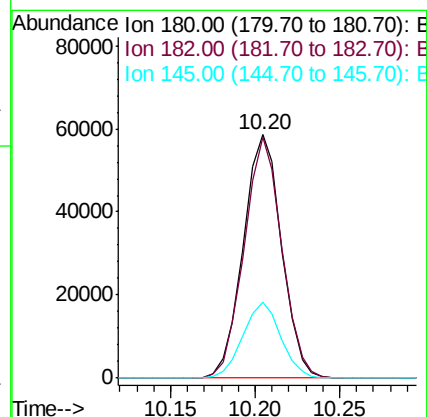
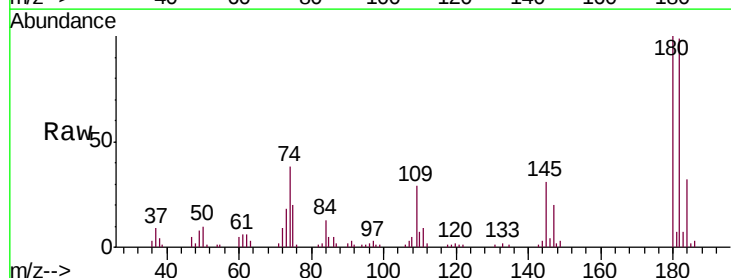
Tgt Ion:180 Resp: 92613

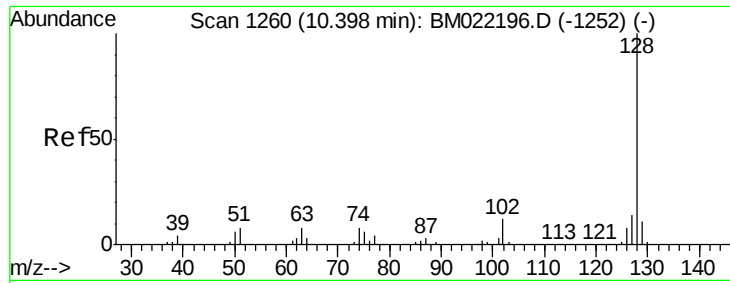
Ion Ratio Lower Upper

180 100

182 99.1 78.0 117.0

145 31.0 23.4 35.0

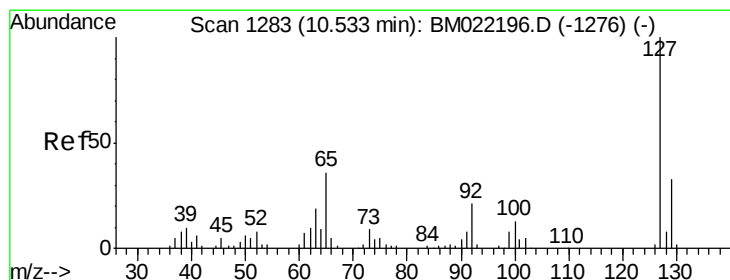
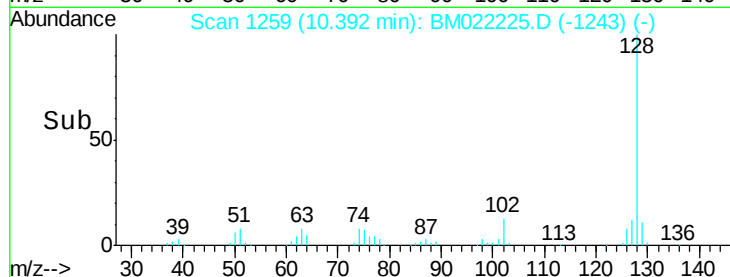
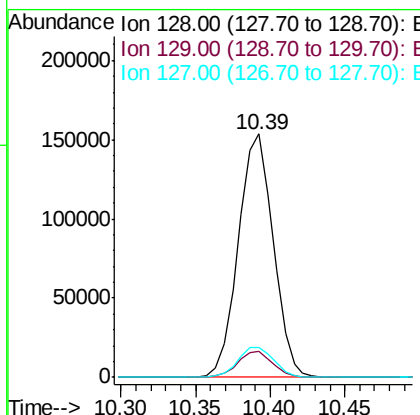
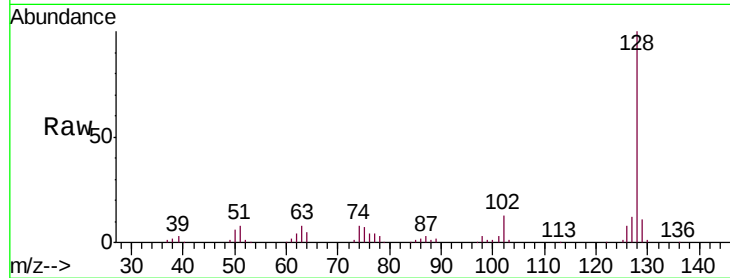




#31
Naphthalene
Concen: 32.816 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

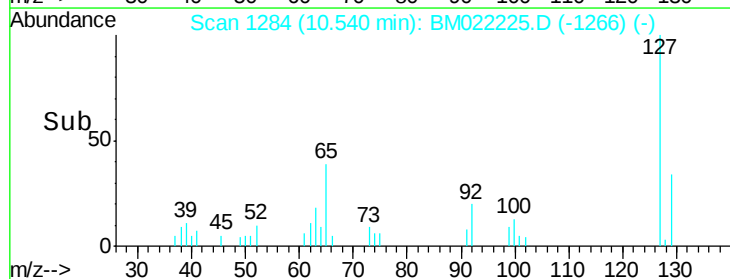
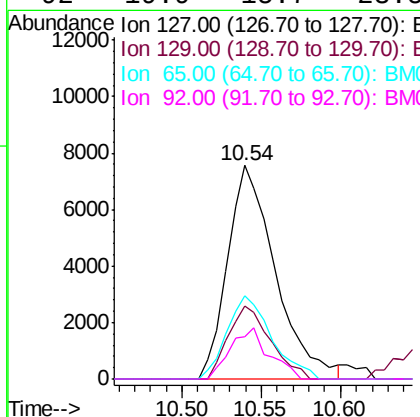
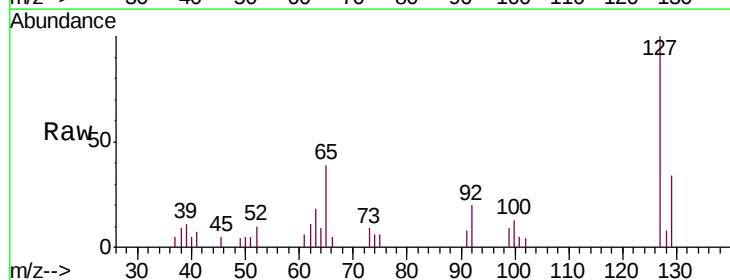
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

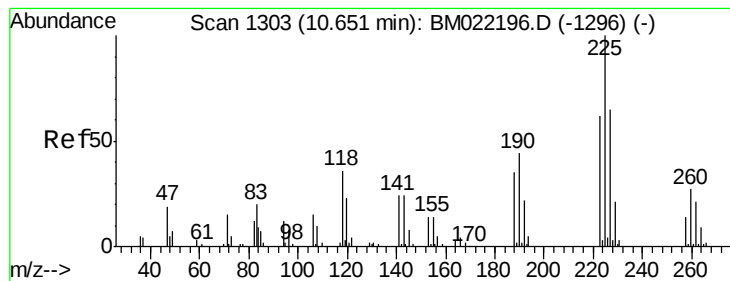
Tgt Ion:128 Resp: 249095
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.2 10.8 16.2



#33
4-Chloroaniline
Concen: 4.986 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:127 Resp: 15838
Ion Ratio Lower Upper
127 100
129 34.4 25.1 37.7
65 38.7 23.8 35.8#
92 19.9 15.7 23.5





#34

Hexachlorobutadiene

Concen: 31.414 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

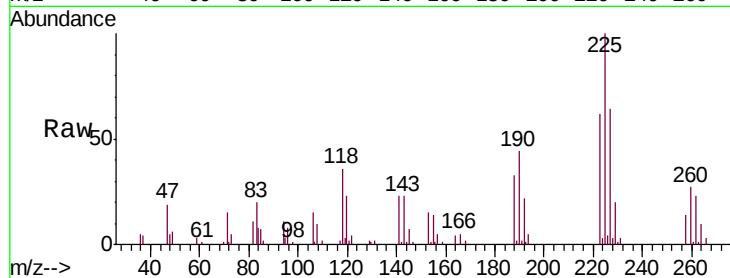
Tgt Ion:225 Resp: 78701

Ion Ratio Lower Upper

225 100

223 61.8 49.6 74.4

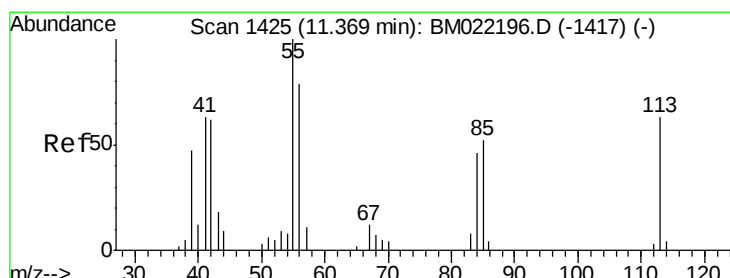
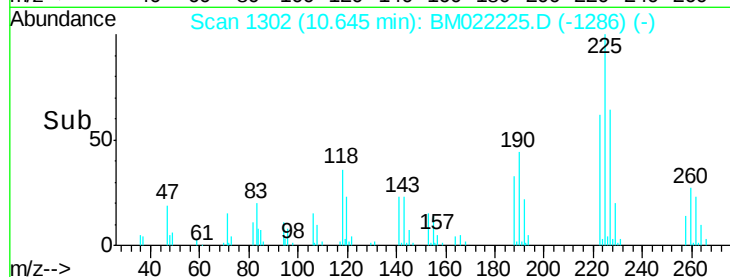
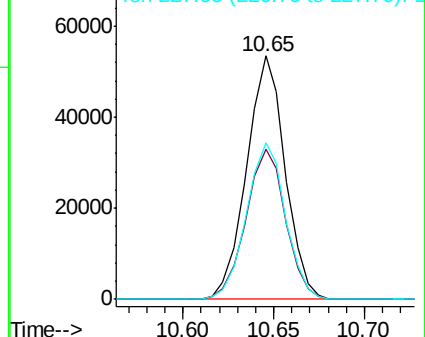
227 64.3 50.4 75.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 23.458 ng

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

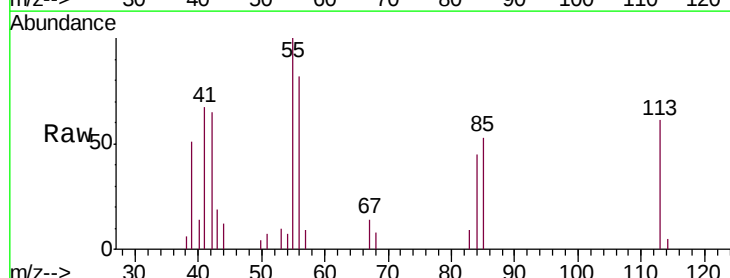
Tgt Ion:113 Resp: 14947

Ion Ratio Lower Upper

113 100

55 163.5 129.8 169.8

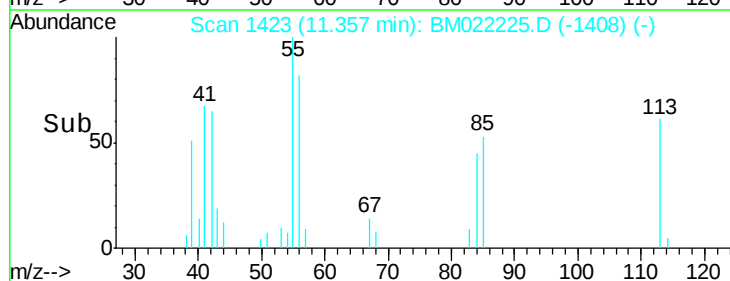
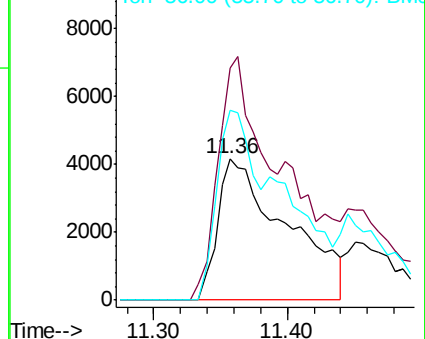
56 134.0 94.3 134.3

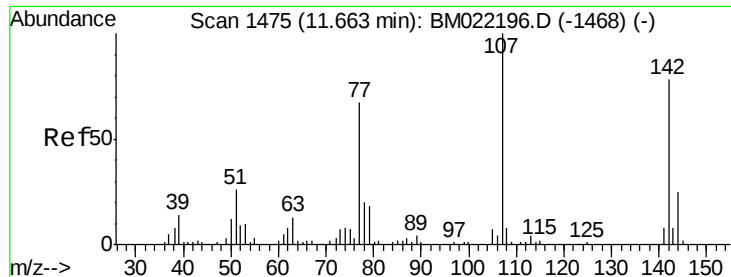


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

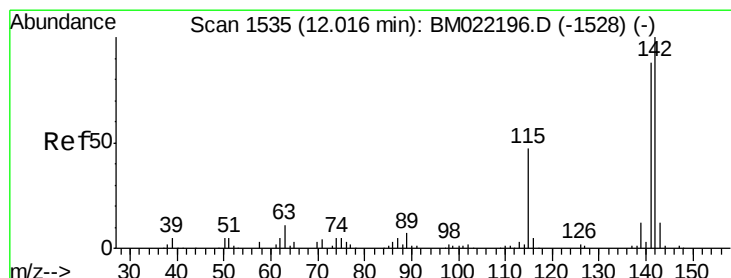
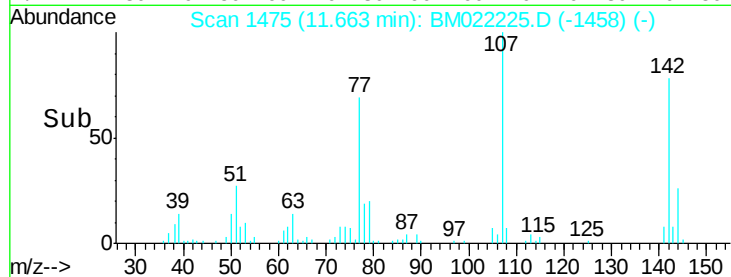
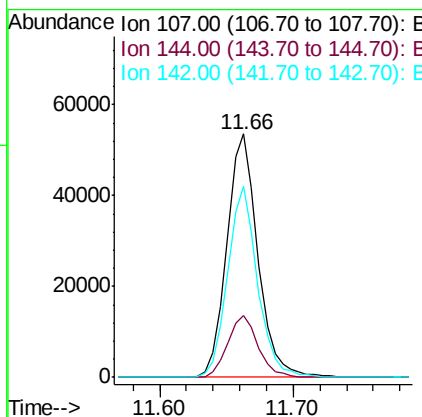
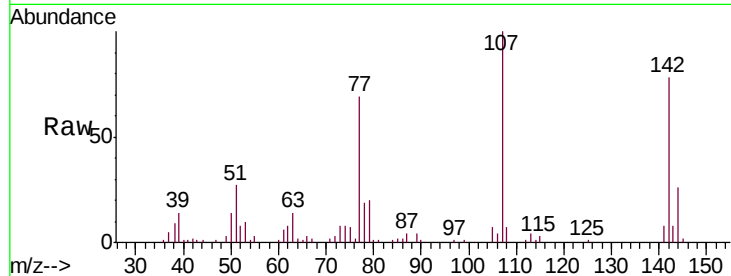




#36
 4-Chloro-3-methylphenol
 Concen: 34.900 ng
 RT: 11.66 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

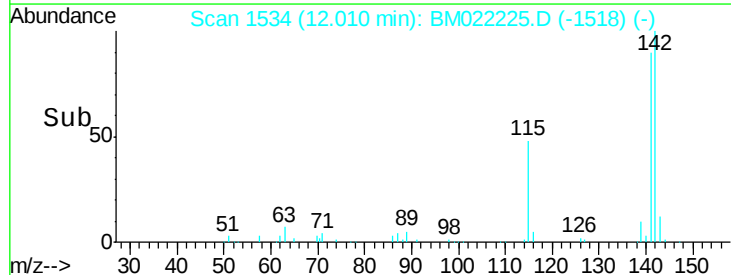
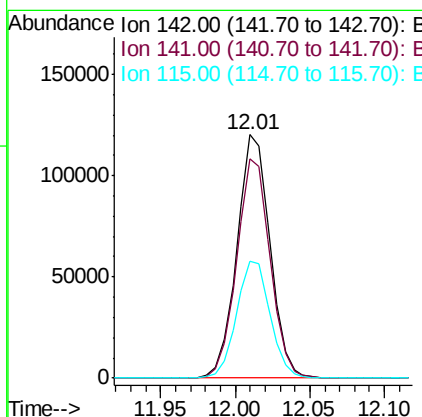
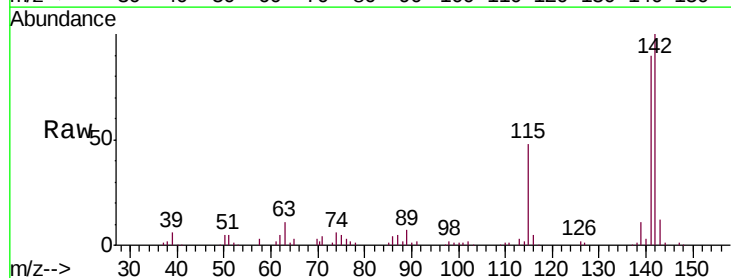
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

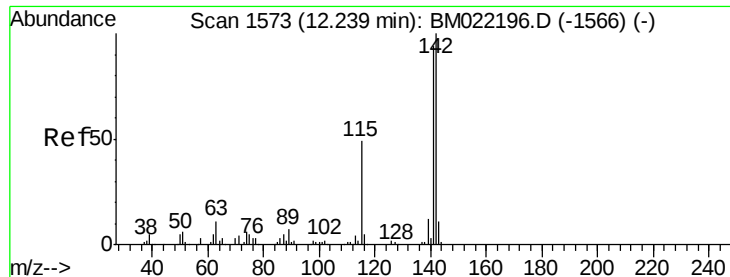
Tgt Ion:107 Resp: 87444
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.3 31.9
 142 78.3 64.9 97.3



#37
 2-Methylnaphthalene
 Concen: 33.301 ng
 RT: 12.01 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:142 Resp: 184761
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.2 108.2
 115 48.2 27.9 41.9#

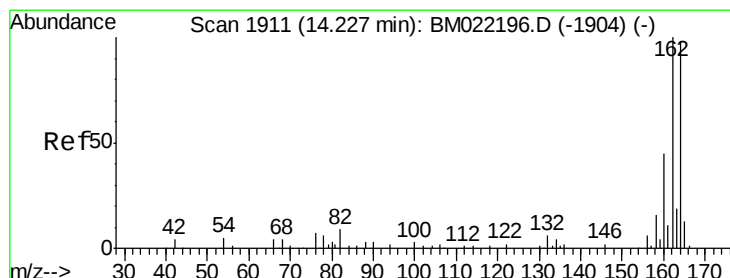
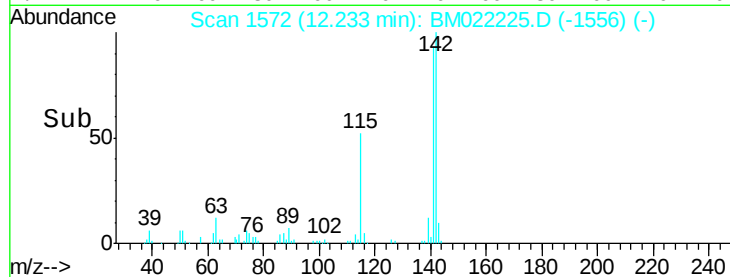
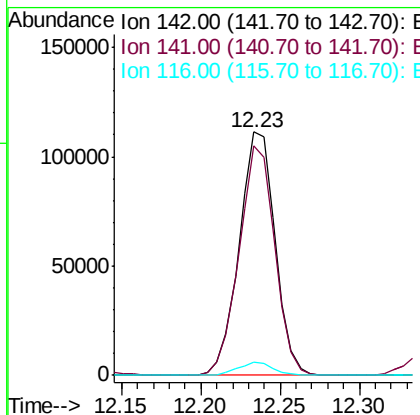
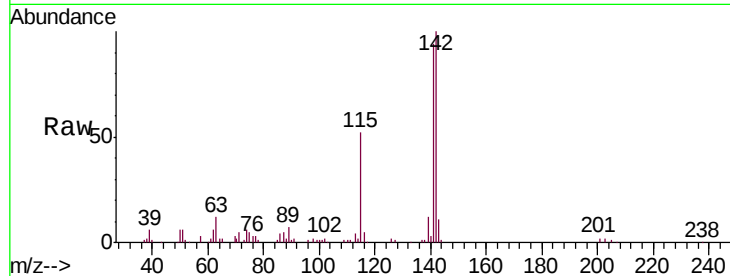




#38
 1-Methylnaphthalene
 Concen: 32.970 ng
 RT: 12.23 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

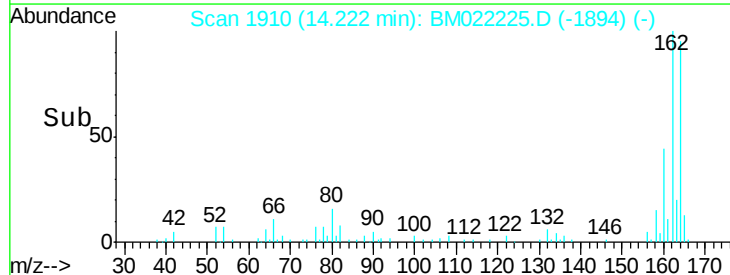
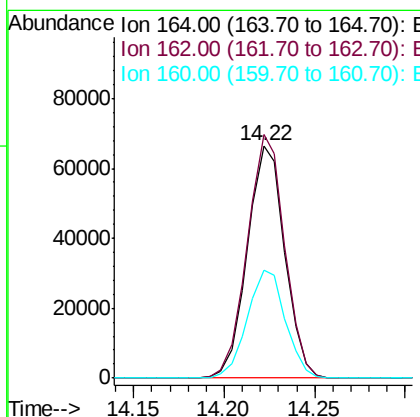
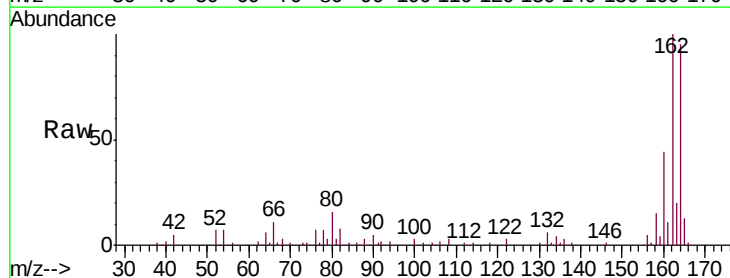
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

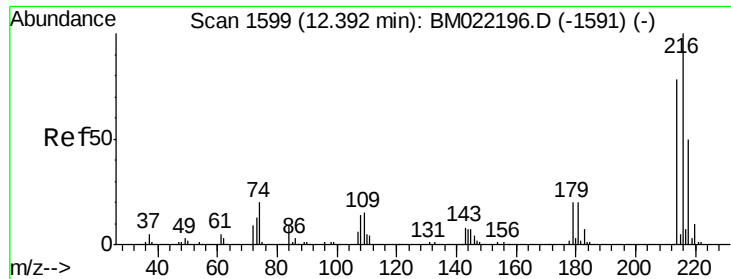
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.9	110.9
116	5.3	3.0	4.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.1	123.1
160	46.3	37.1	55.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.139 ng

RT: 12.39 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

Tgt Ion:216 Resp: 127202

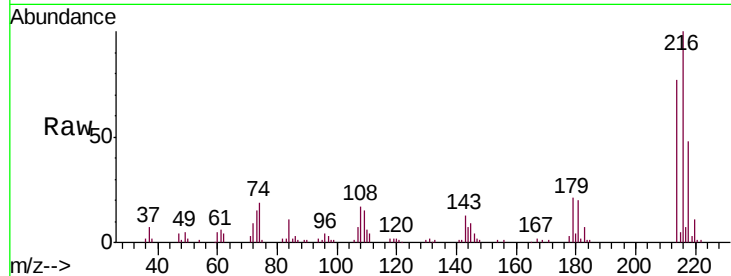
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.6

179 19.9 16.4 24.6

108 16.8 12.5 18.7

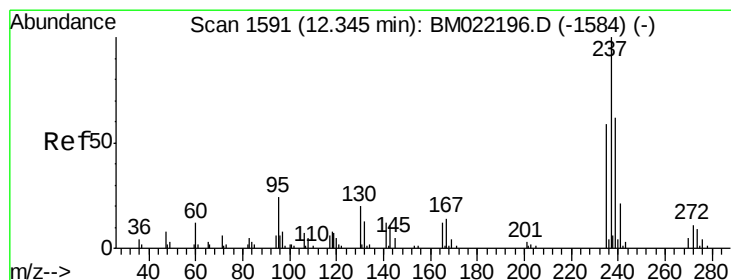
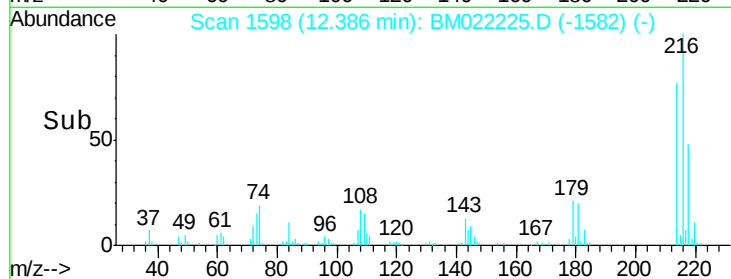
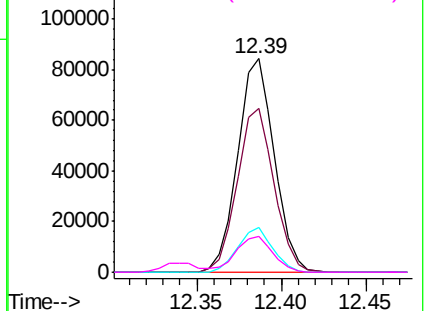


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 58.075 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

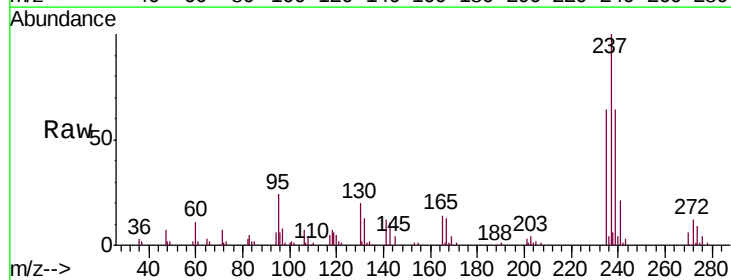
Tgt Ion:237 Resp: 119568

Ion Ratio Lower Upper

237 100

235 64.1 41.7 81.7

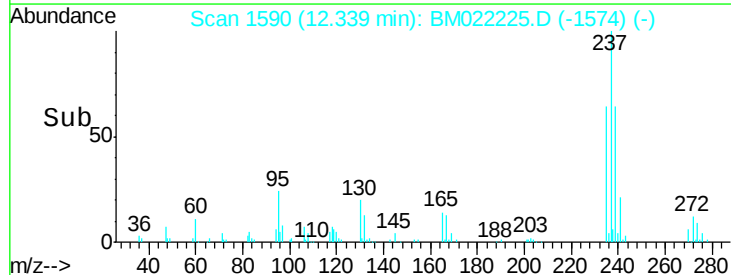
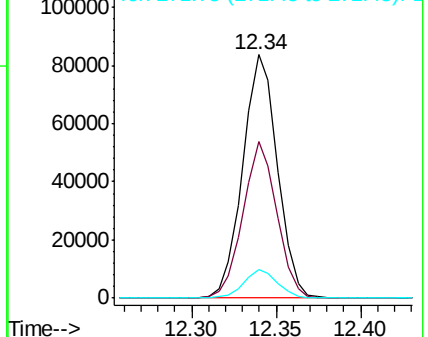
272 11.9 0.0 34.1

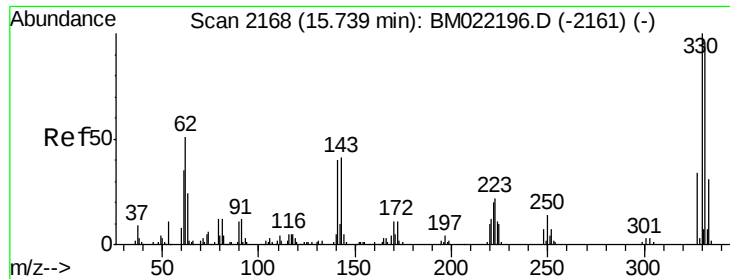


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

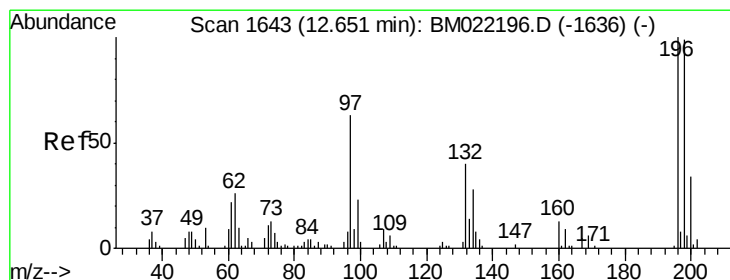
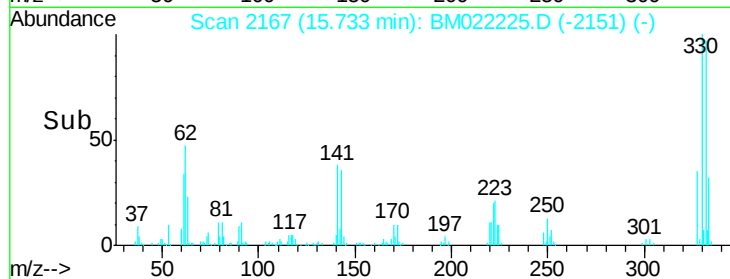
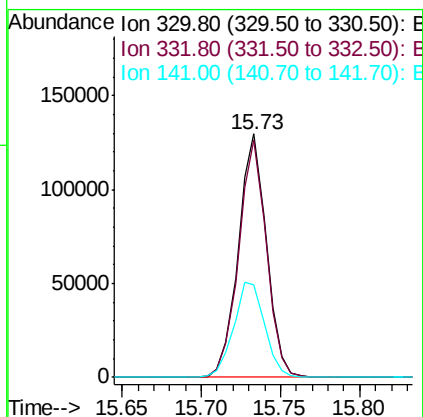
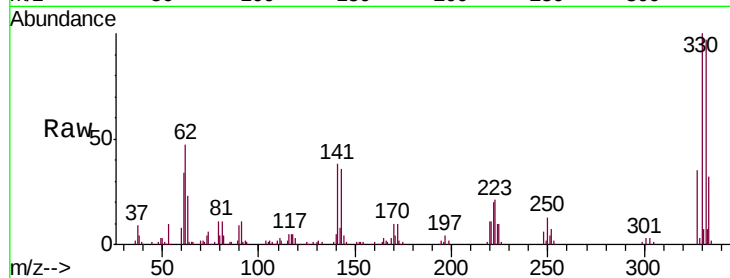




#42
 2,4,6-Tribromophenol
 Concen: 103.051 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

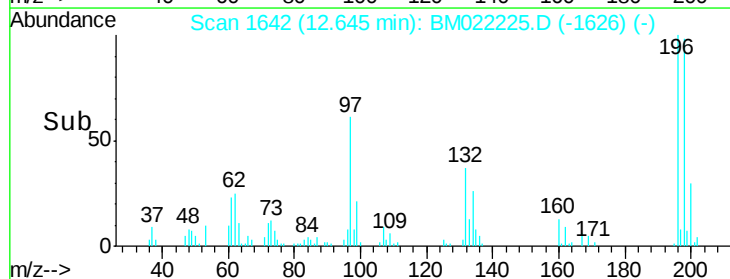
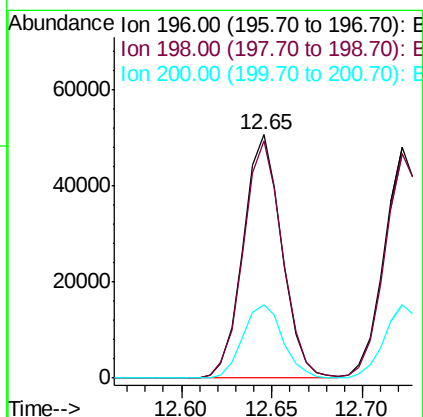
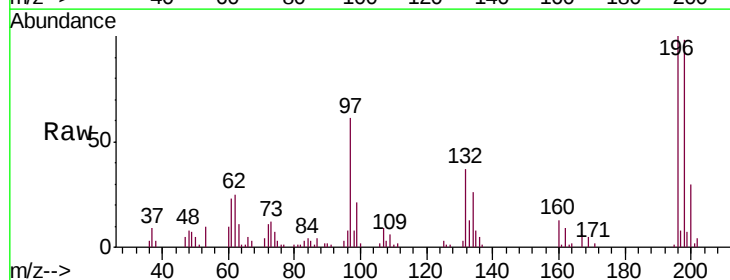
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

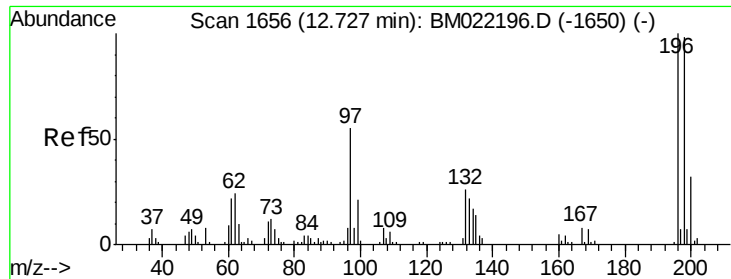
Tgt Ion:330 Resp: 158774
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 42.9 21.8 32.8#



#43
 2,4,6-Trichlorophenol
 Concen: 33.551 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:196 Resp: 74940
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.7 115.1
 200 30.4 24.2 36.4

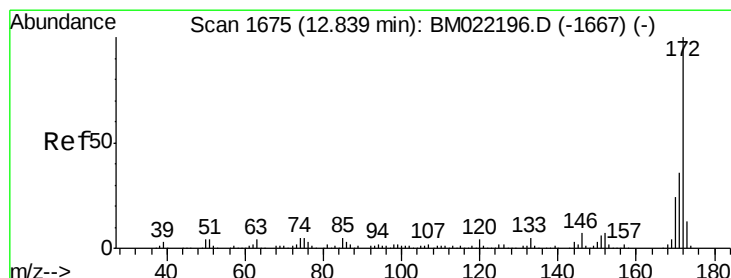
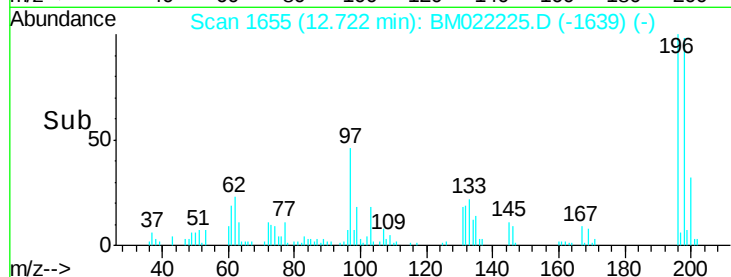
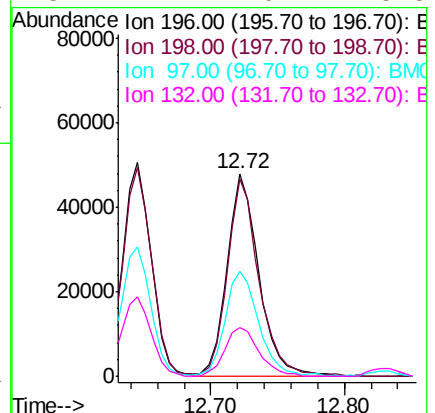
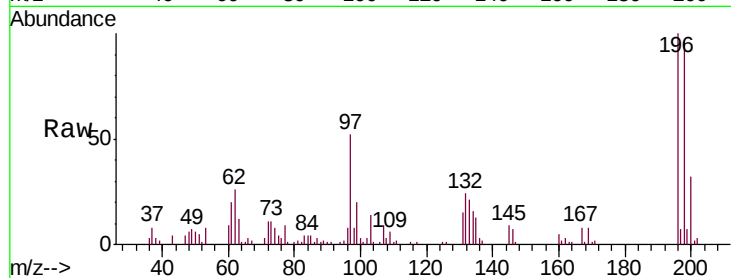




#44
 2,4,5-Trichlorophenol
 Concen: 35.533 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

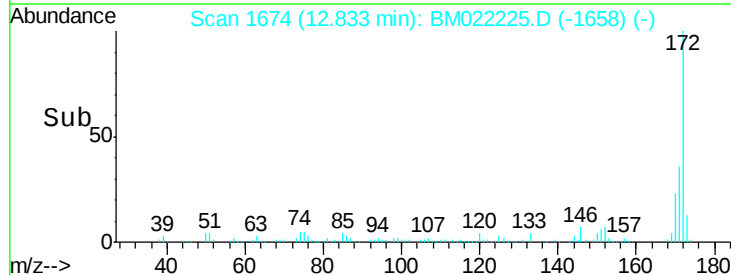
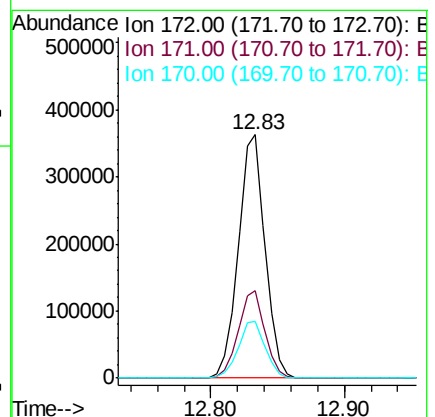
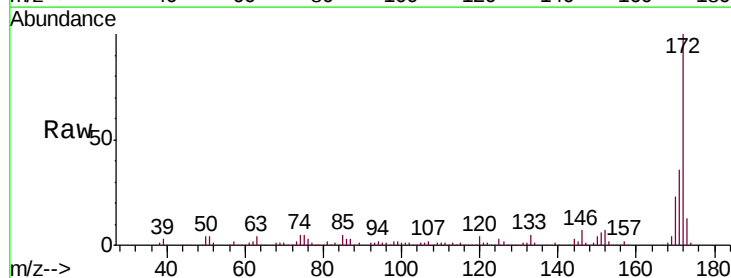
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

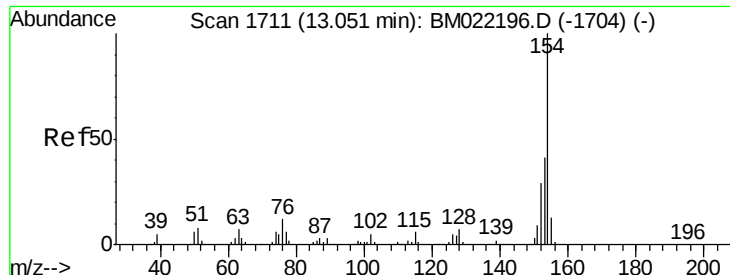
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.4
97	51.9	34.1	51.1#
132	24.2	19.2	28.8



#45
 2-Fluorobiphenyl
 Concen: 66.060 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.3	18.7	28.1

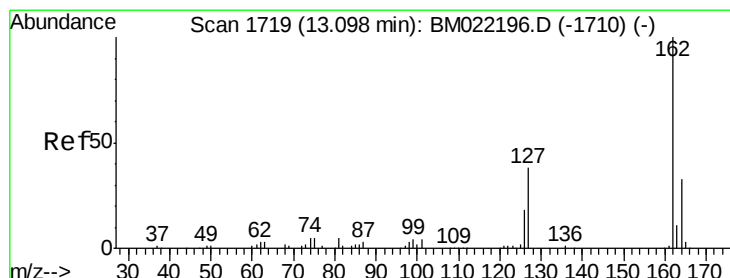
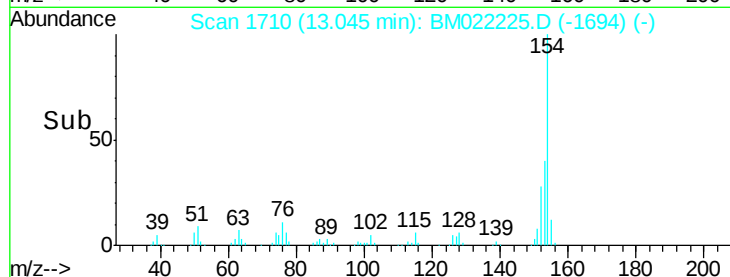
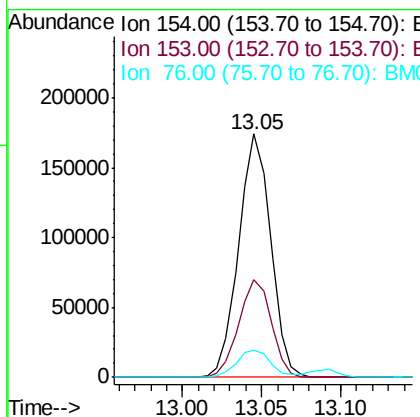
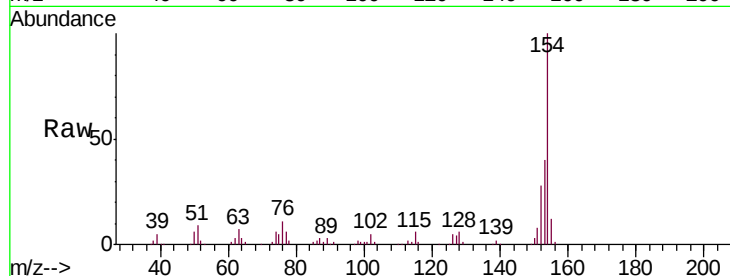




#46
 1,1'-Biphenyl
 Concen: 32.630 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

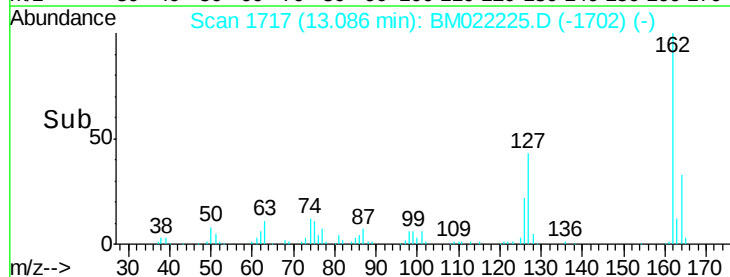
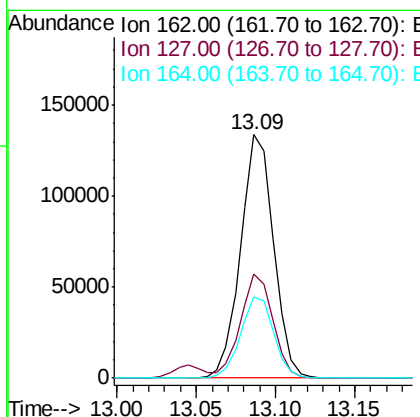
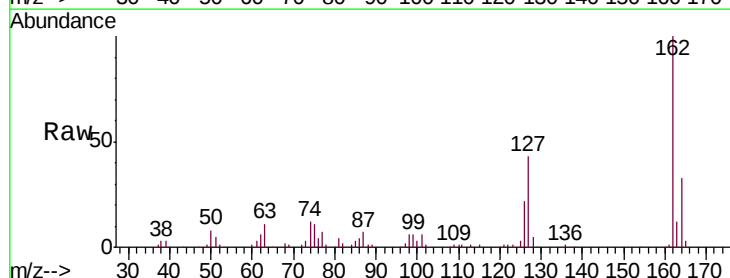
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

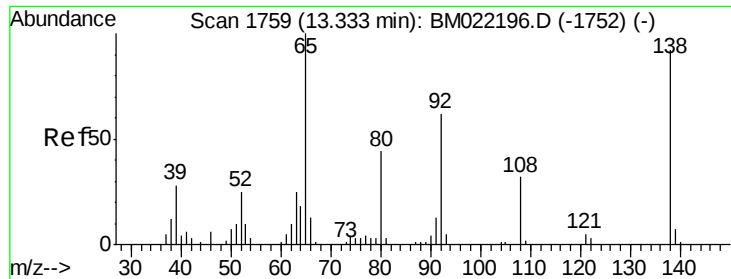
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	11.4	0.0	30.9



#47
 2-Chloronaphthalene
 Concen: 31.356 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	29.4	44.2
164	33.1	26.5	39.7

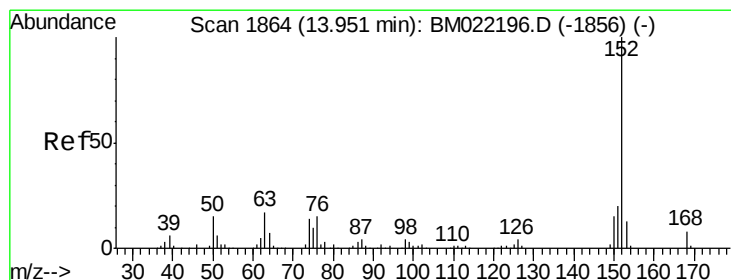
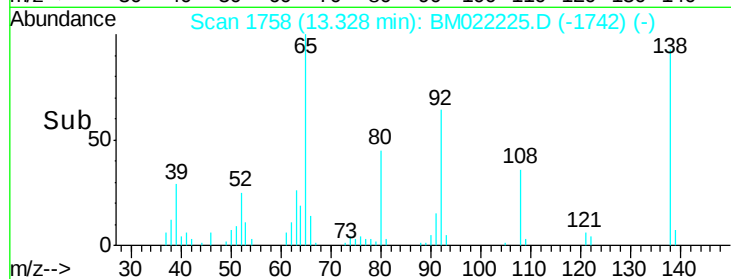
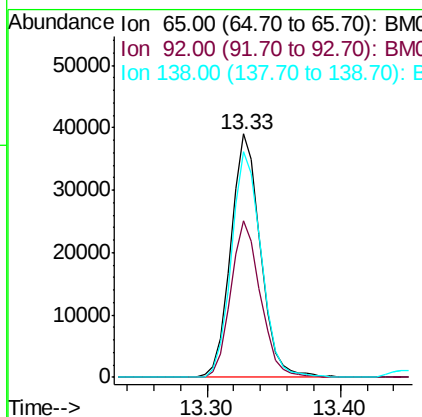
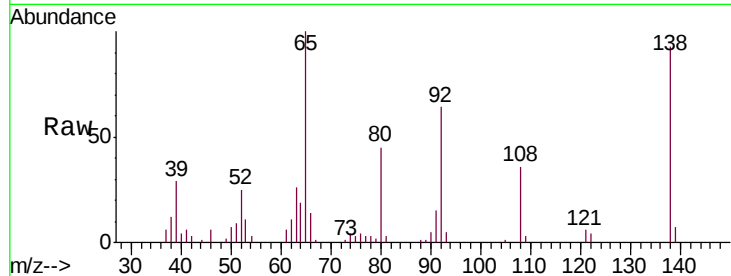




#48
2-Nitroaniline
Concen: 31.007 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

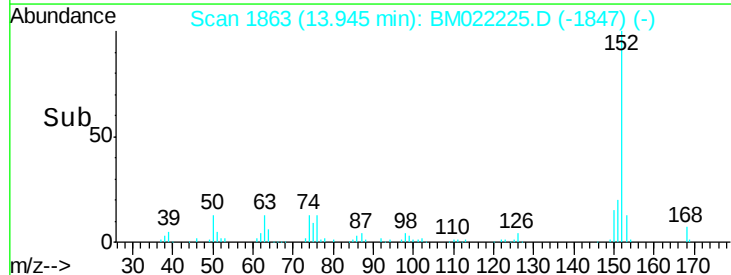
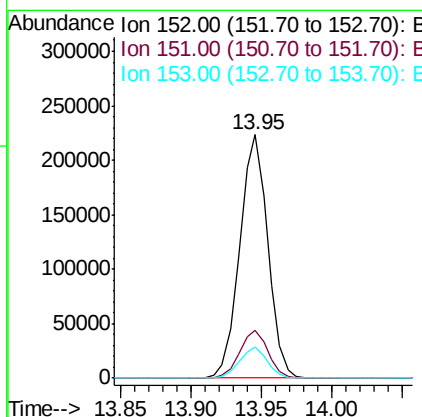
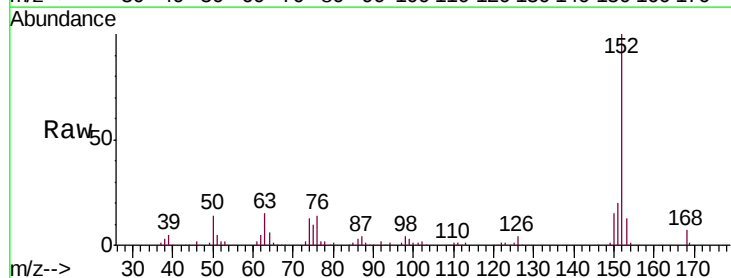
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

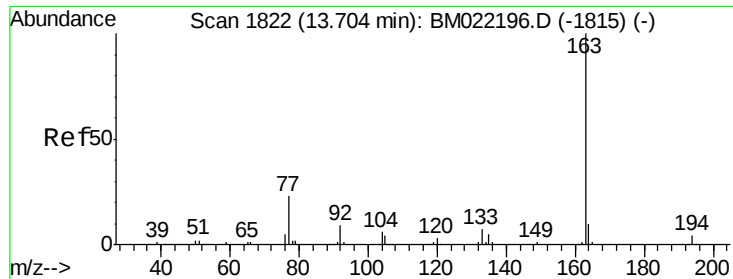
Tgt Ion: 65 Resp: 60384
Ion Ratio Lower Upper
65 100
92 64.2 56.3 84.5
138 92.6 92.6 139.0#



#49
Acenaphthylene
Concen: 32.754 ng
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 152 Resp: 309533
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.9 10.6 16.0





#50

Dimethylphthalate

Concen: 47.175 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

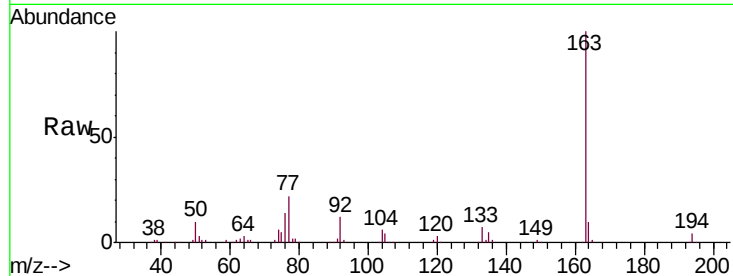
Tgt Ion:163 Resp: 377541

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

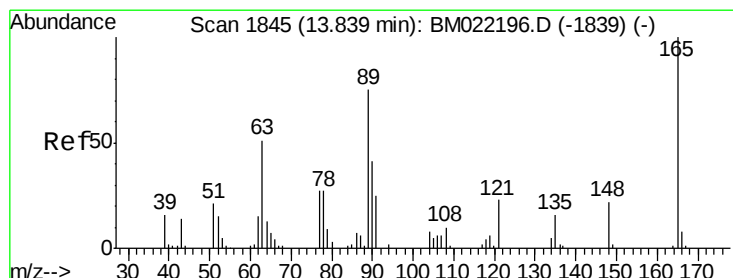
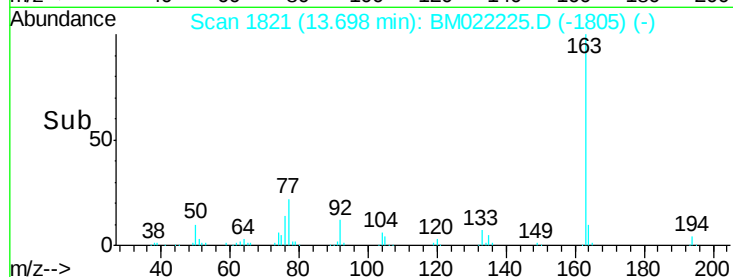
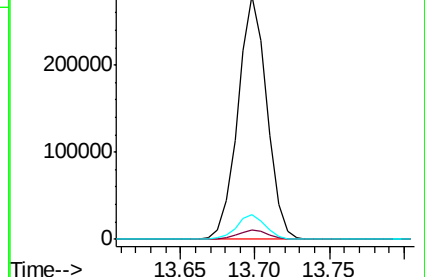
164 10.0 8.2 12.2



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: 33.280 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

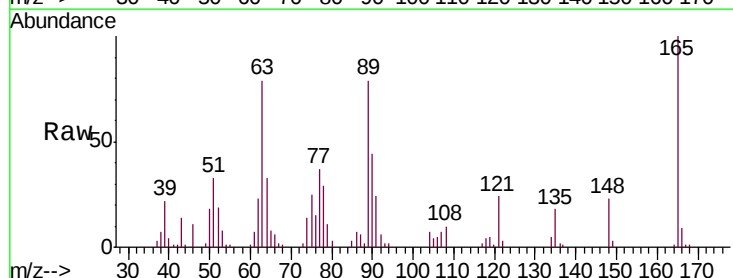
Tgt Ion:165 Resp: 52598

Ion Ratio Lower Upper

165 100

63 78.7 37.8 56.6#

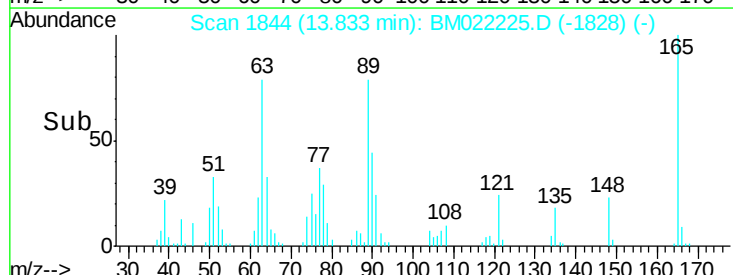
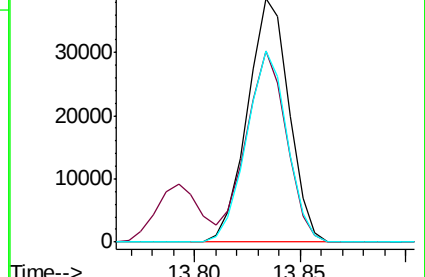
89 78.8 39.7 59.5#

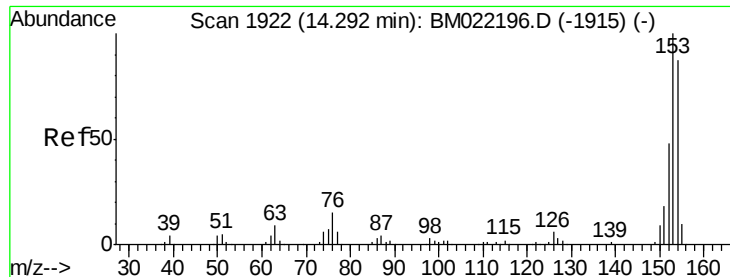


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 32.254 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

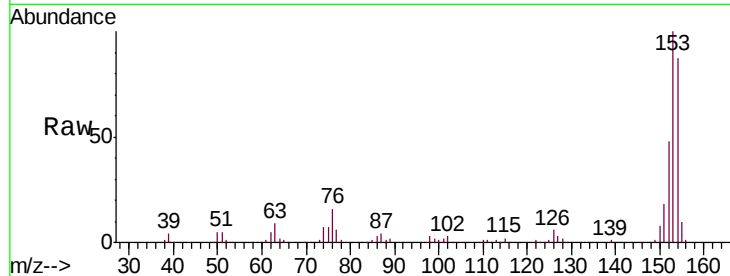
Tgt Ion:154 Resp: 177753

Ion Ratio Lower Upper

154 100

153 115.6 91.5 137.3

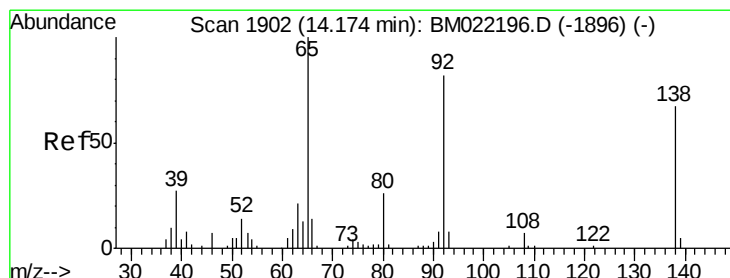
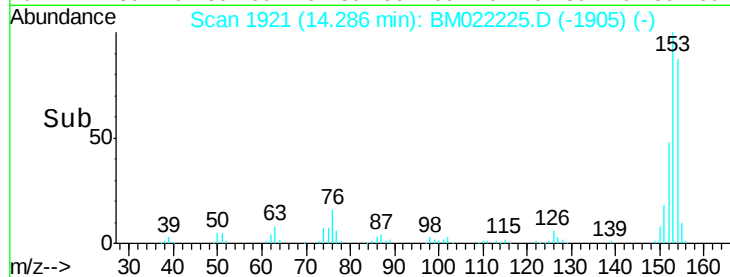
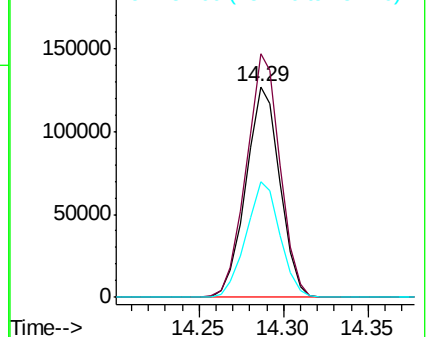
152 55.0 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 18.403 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

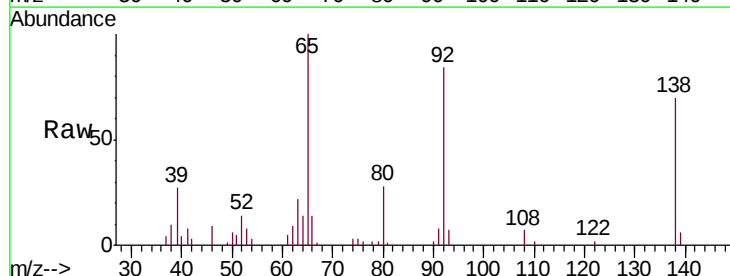
Tgt Ion:138 Resp: 28965

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

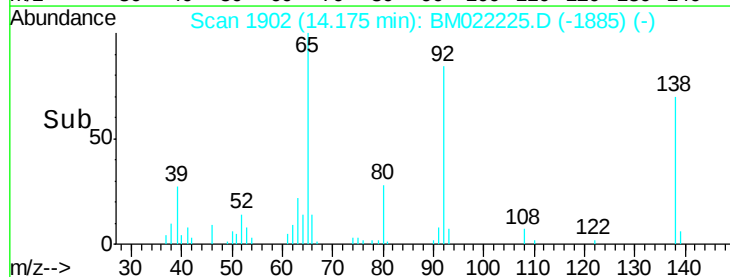
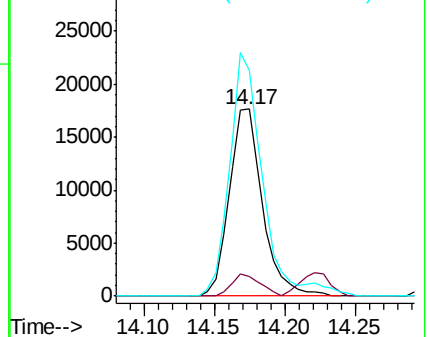
92 120.5 92.2 138.2

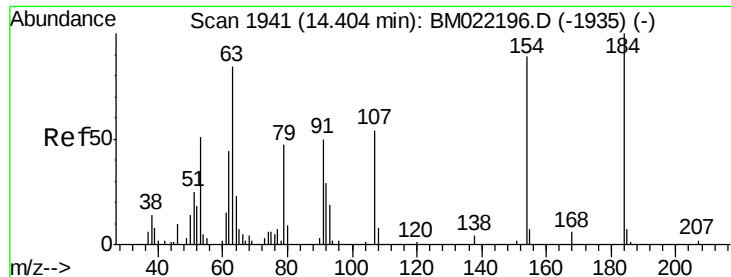


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#54

2,4-Dinitrophenol

Concen: 16.369 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

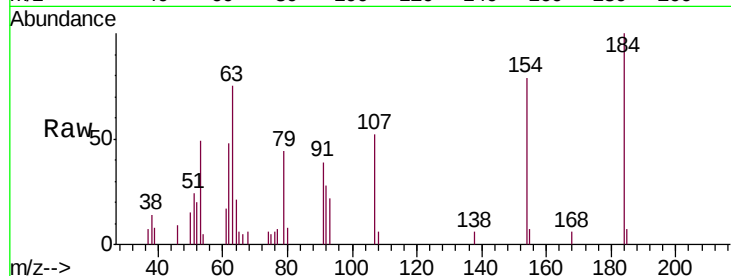
Tgt Ion:184 Resp: 10872

Ion Ratio Lower Upper

184 100

63 75.0 45.5 68.3#

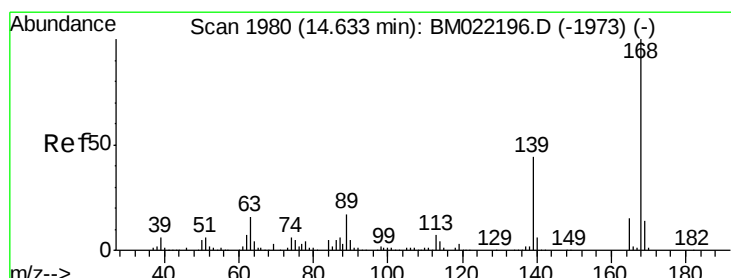
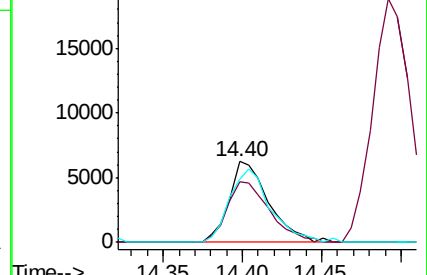
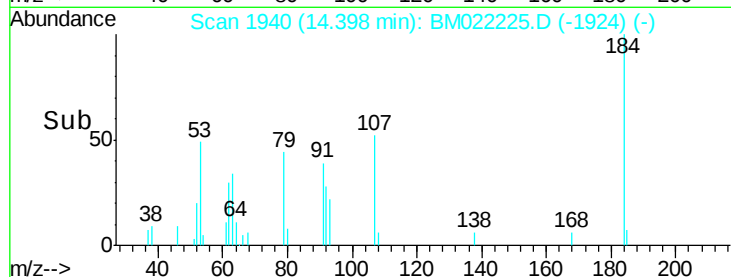
154 78.7 50.6 76.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 32.947 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

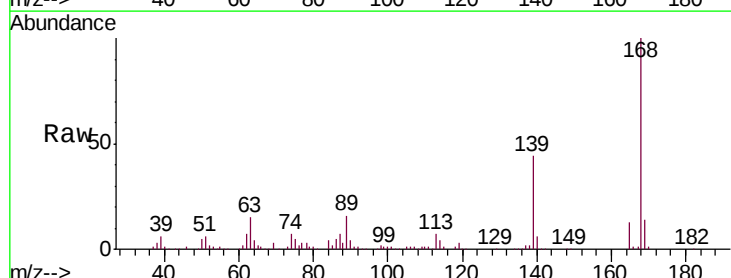
Tgt Ion:168 Resp: 301715

Ion Ratio Lower Upper

168 100

139 44.4 28.4 42.6#

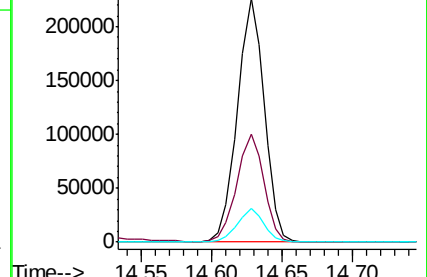
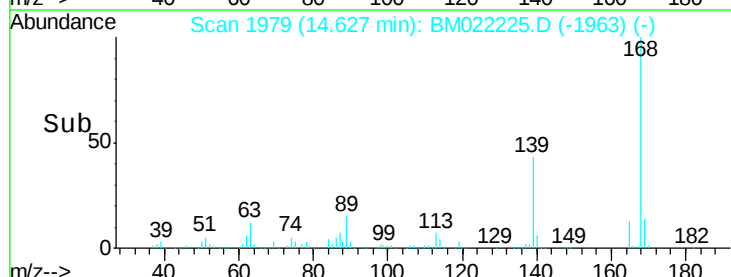
169 13.7 10.6 16.0

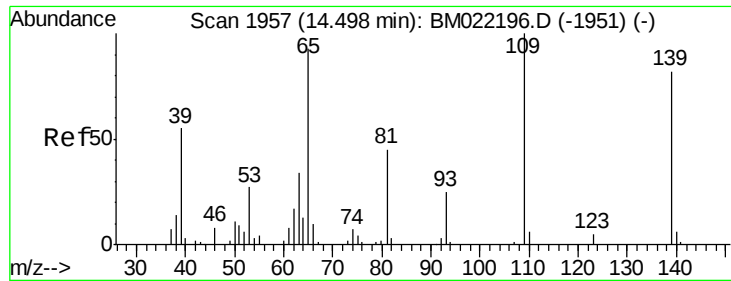


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 73.252 ng

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

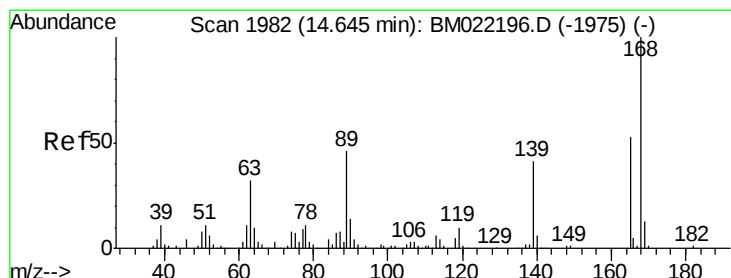
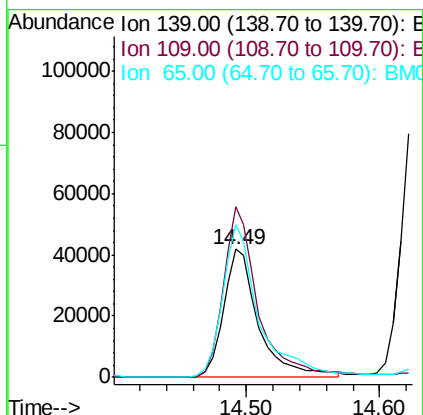
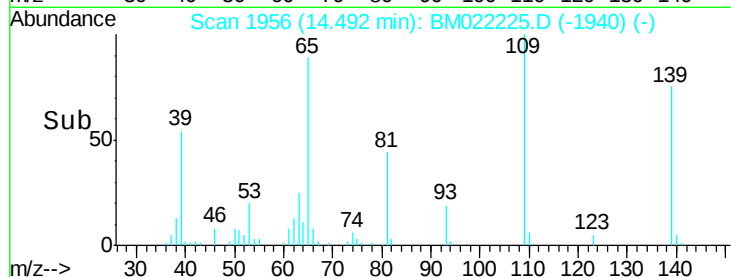
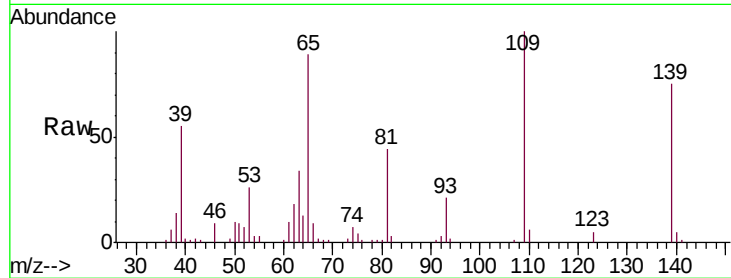
Tgt Ion:139 Resp: 76841

Ion Ratio Lower Upper

139 100

109 133.8 53.3 93.3#

65 119.5 70.3 110.3#



#57

2,4-Dinitrotoluene

Concen: 32.707 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Tgt Ion:165 Resp: 74210

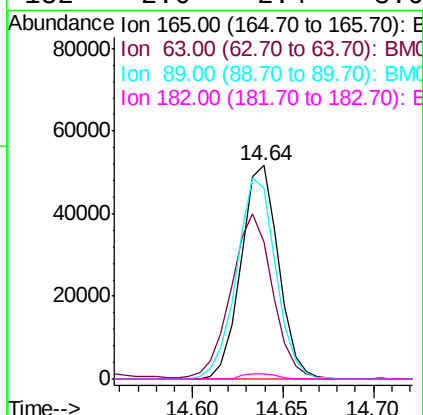
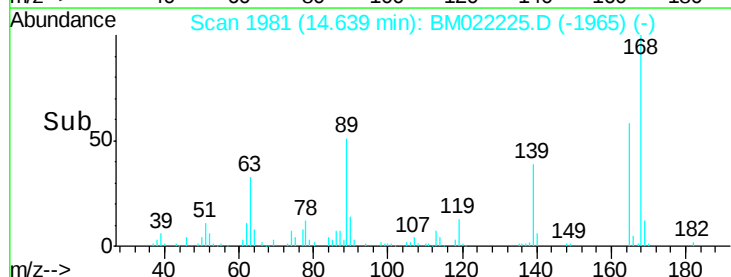
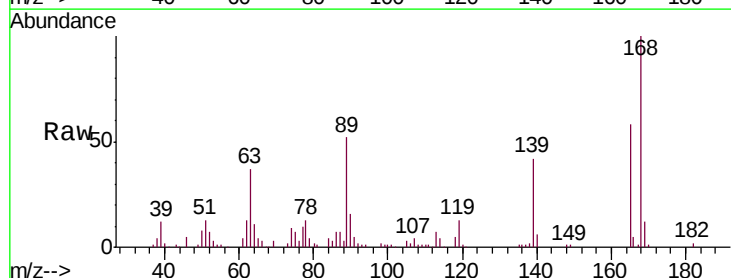
Ion Ratio Lower Upper

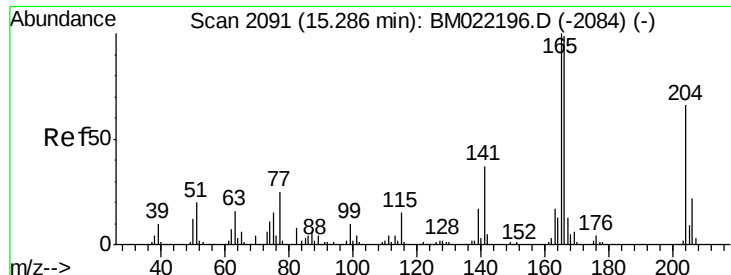
165 100

63 64.1 29.6 44.4#

89 89.4 49.5 74.3#

182 2.6 2.4 3.6





#58

Fluorene

Concen: 31.376 ng

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

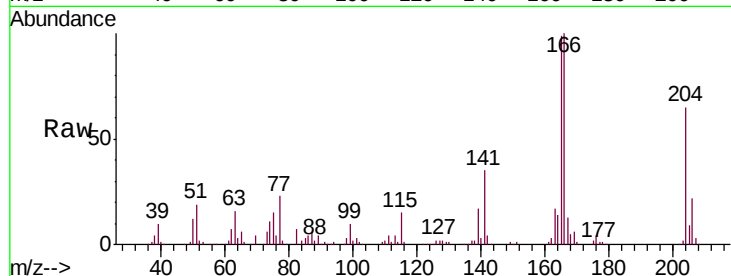
Tgt Ion:166 Resp: 242224

Ion Ratio Lower Upper

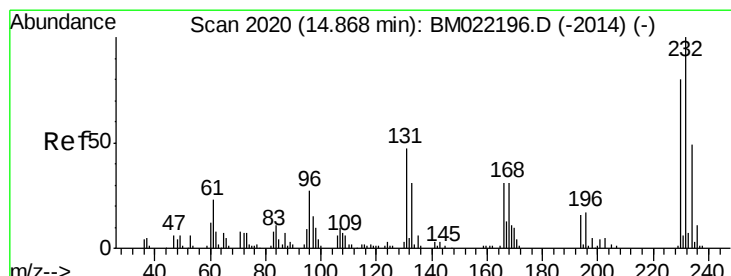
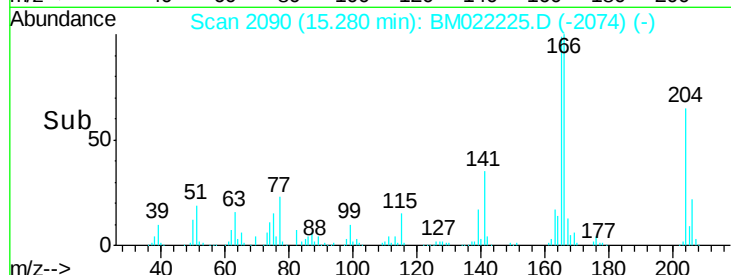
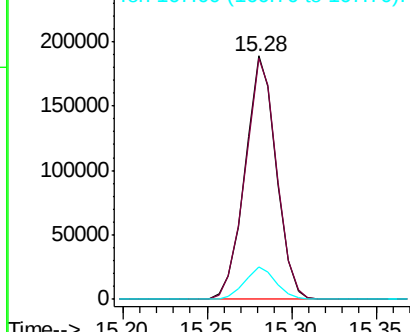
166 100

165 99.1 78.6 117.8

167 13.4 10.9 16.3



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



#59

2,3,4,6-Tetrachlorophenol

Concen: 34.099 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Tgt Ion:232 Resp: 77080

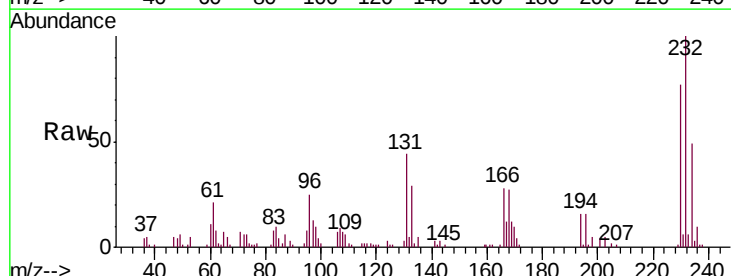
Ion Ratio Lower Upper

232 100

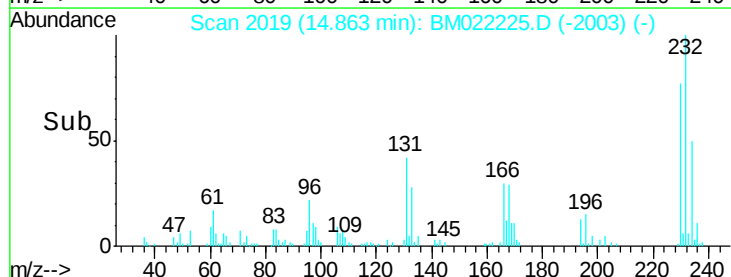
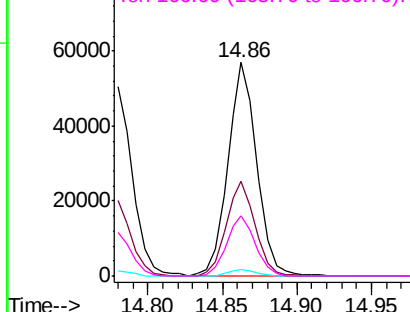
131 44.0 30.6 46.0

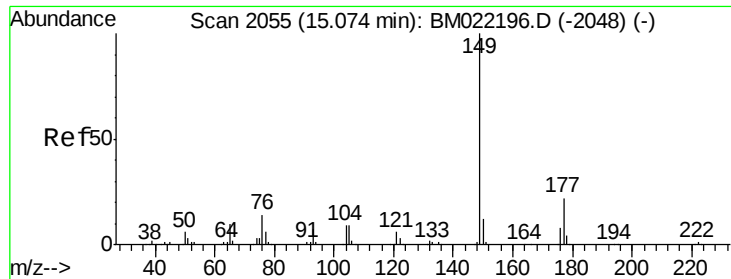
130 2.8 1.7 2.5#

166 27.9 23.4 35.0



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

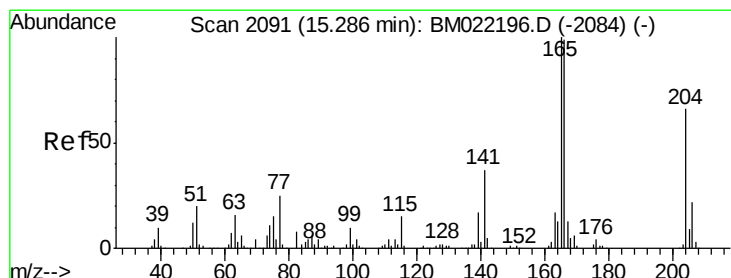
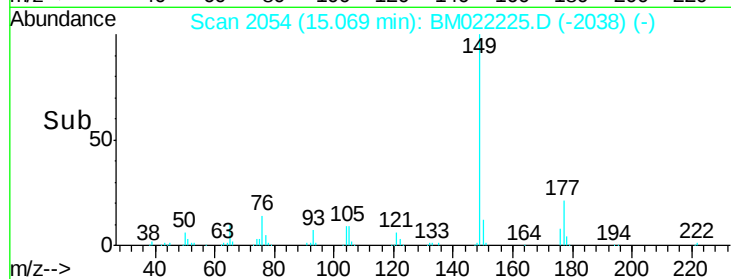
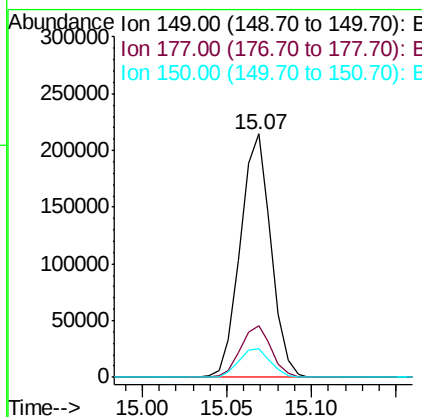
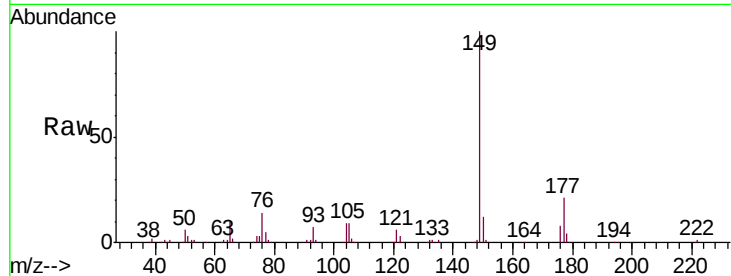




#60
Diethylphthalate
Concen: 32.122 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

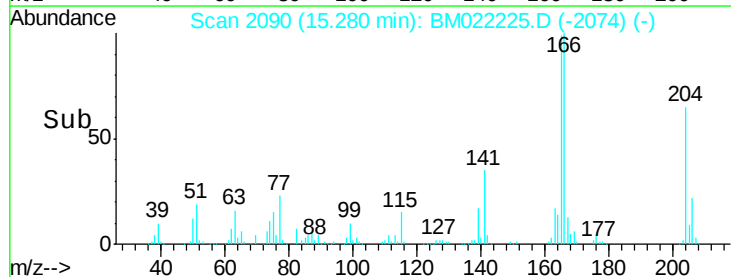
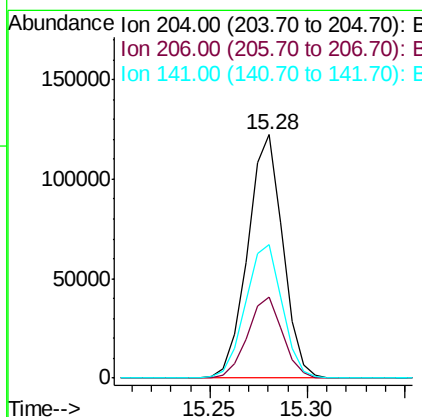
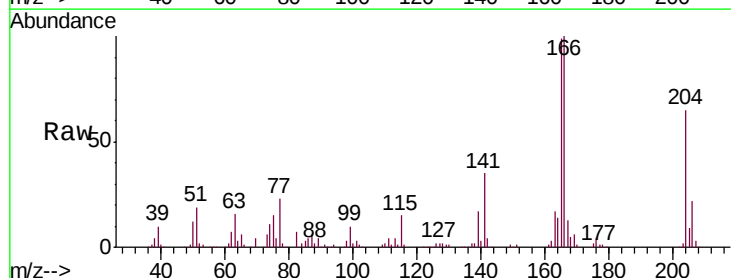
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

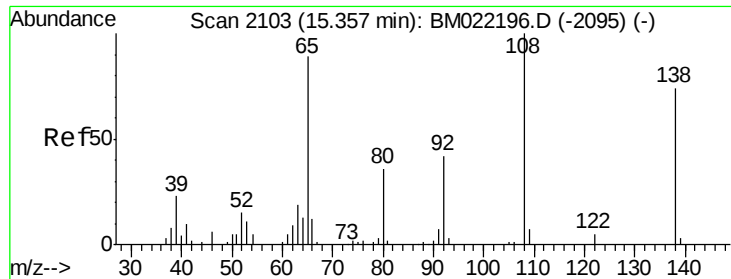
Tgt Ion:149 Resp: 271086
Ion Ratio Lower Upper
149 100
177 21.0 19.1 28.7
150 11.8 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 31.301 ng
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:204 Resp: 152292
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 54.6 40.7 61.1

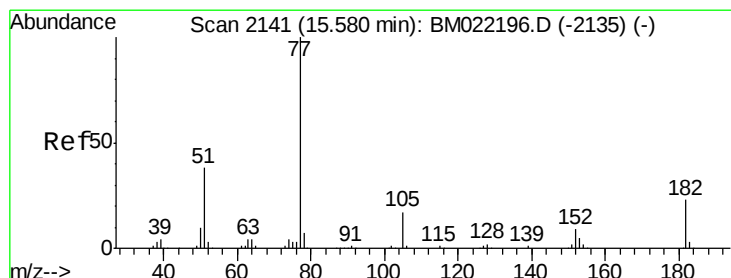
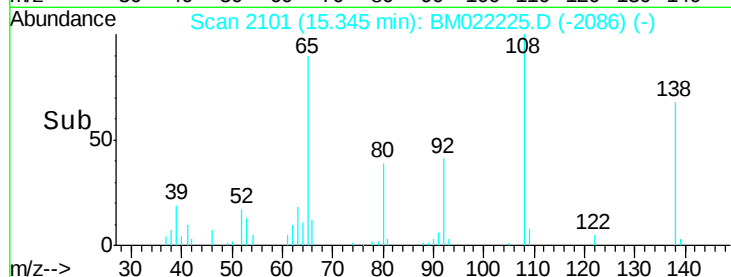
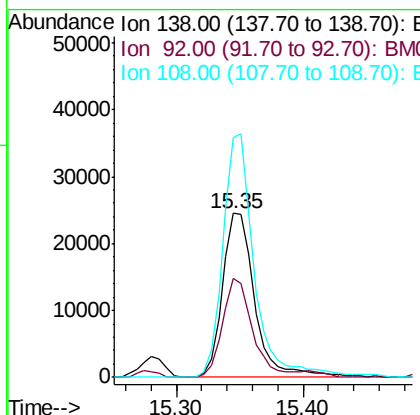
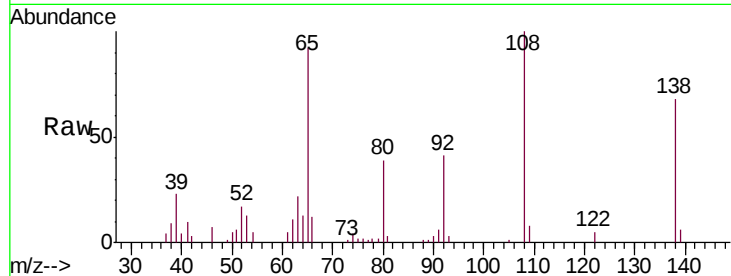




#62
4-Nitroaniline
Concen: 29.709 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

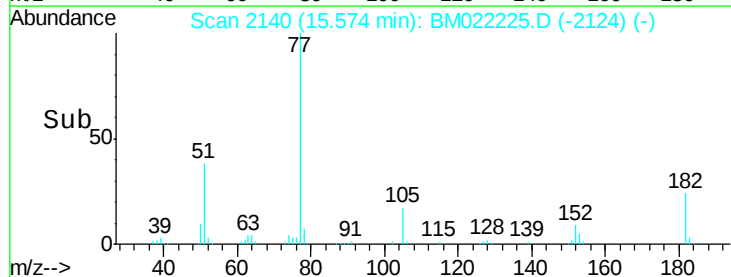
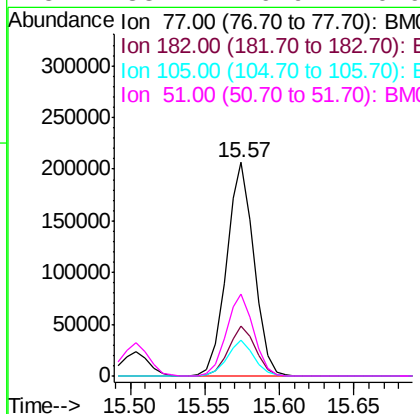
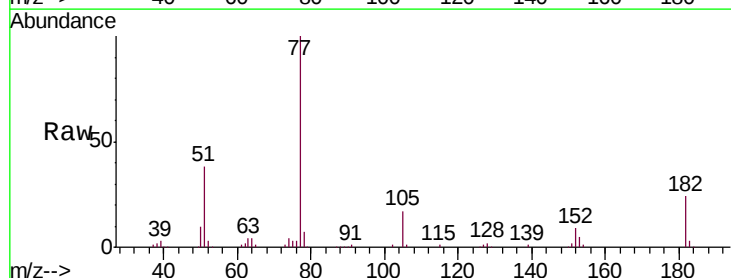
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

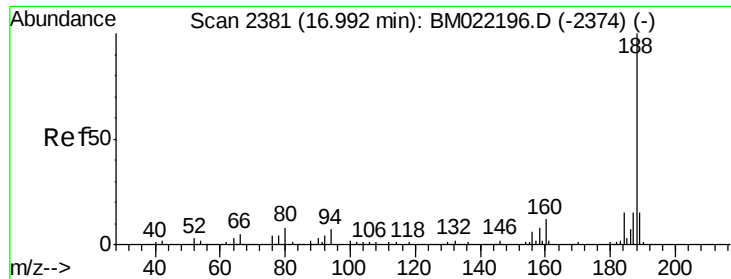
Tgt Ion:138 Resp: 43278
Ion Ratio Lower Upper
138 100
92 60.2 29.1 69.1
108 146.1 59.2 99.2#



#63
Azobenzene
Concen: 32.742 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 77 Resp: 266268
Ion Ratio Lower Upper
77 100
182 23.7 12.6 52.6
105 16.6 1.1 41.1
51 38.2 6.9 46.9

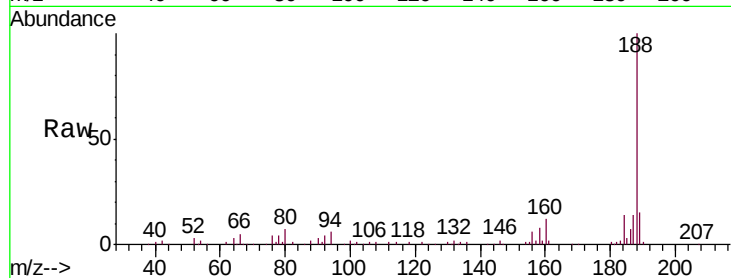




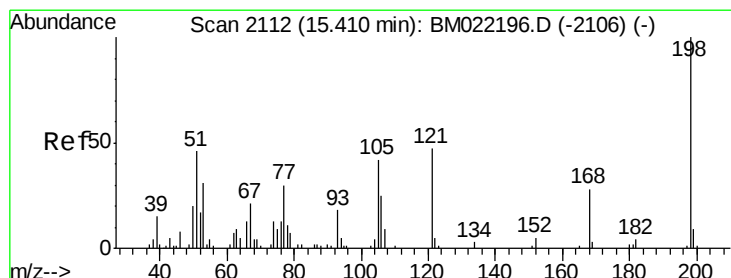
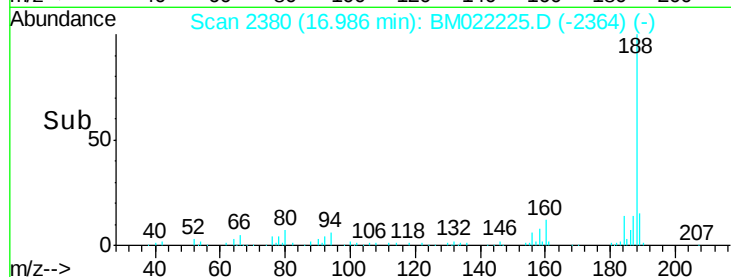
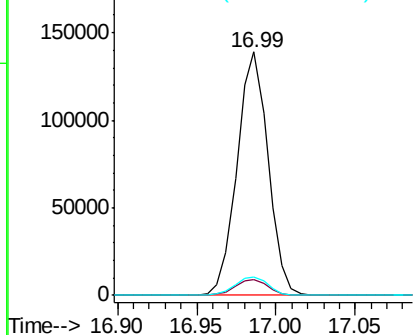
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2380
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

Tgt Ion:188 Resp: 188482
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.8 8.8
 80 7.4 6.9 10.3

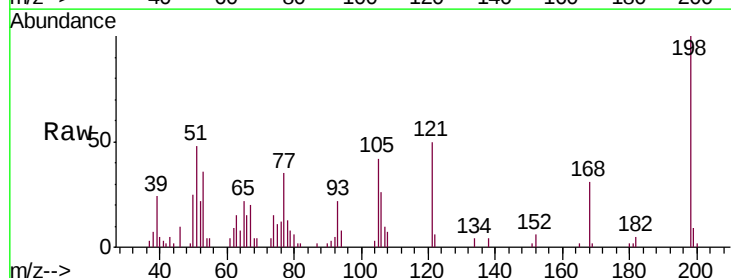


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

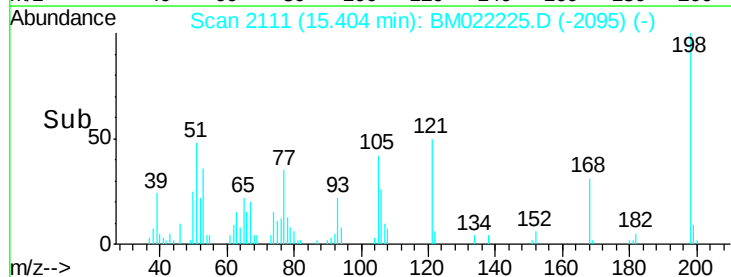
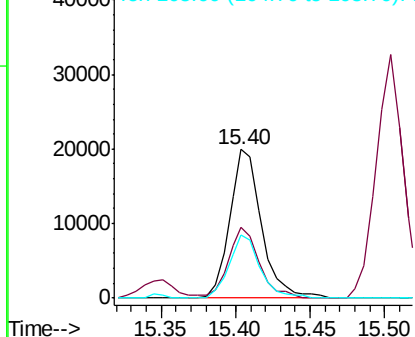


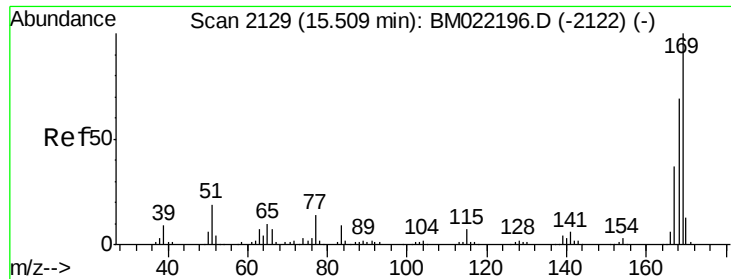
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.301 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:198 Resp: 29600
 Ion Ratio Lower Upper
 198 100
 51 47.7 15.3 55.3
 105 42.2 16.8 56.8



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

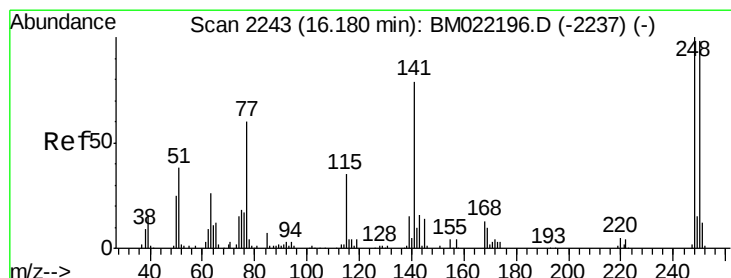
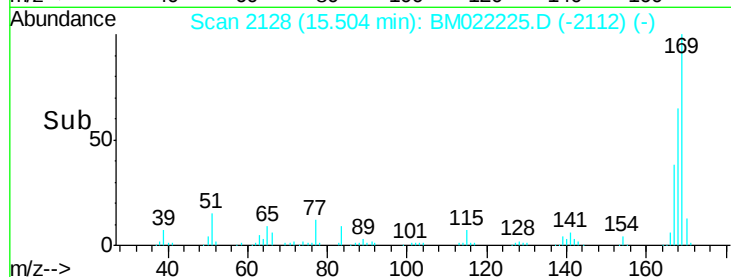
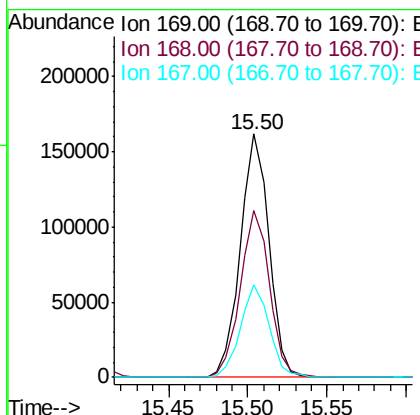
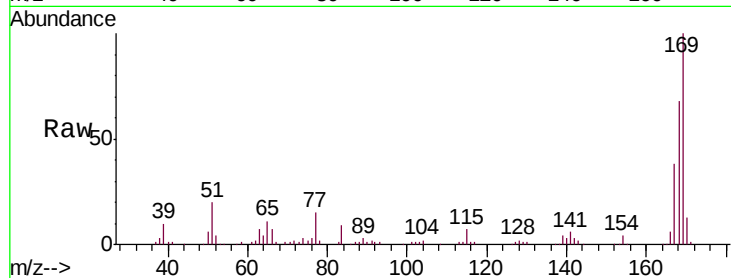




#66
 n-Nitrosodiphenylamine
 Concen: 33.543 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

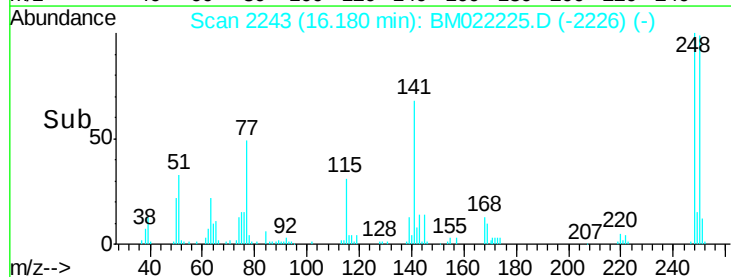
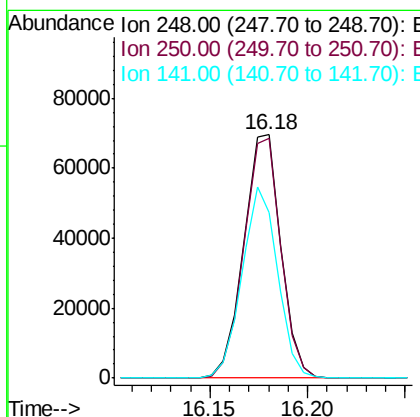
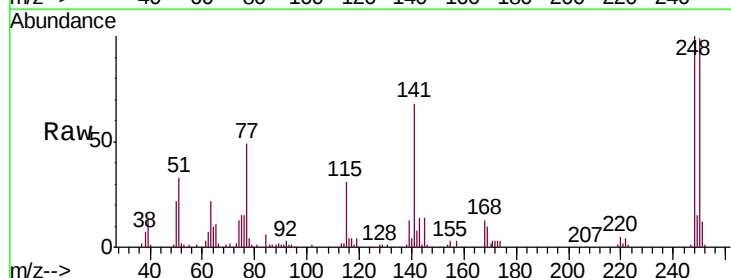
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

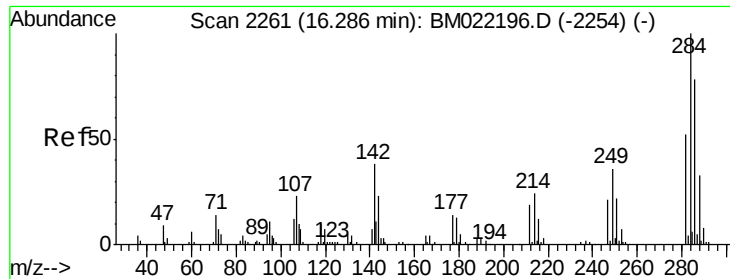
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.5	81.7
167	38.0	29.0	43.6



#67
 4-Bromophenyl-phenylether
 Concen: 32.834 ng
 RT: 16.18 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.5	116.3
141	68.1	47.8	71.6

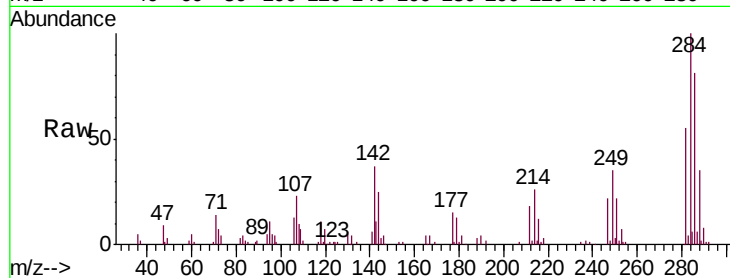




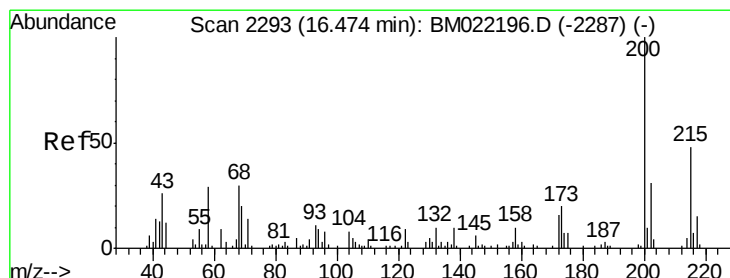
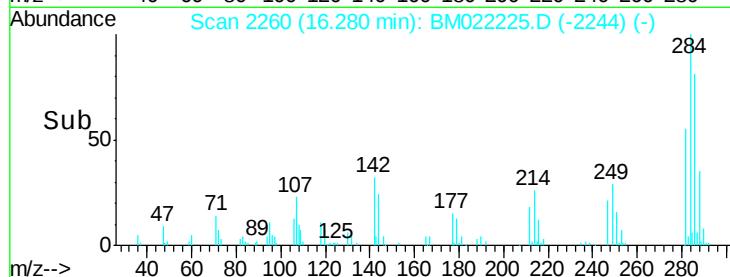
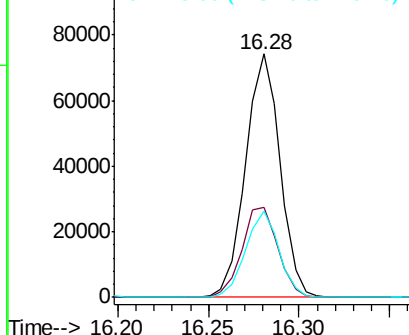
#68
Hexachlorobenzene
Concen: 30.846 ng
RT: 16.28 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

Tgt Ion: 284 Resp: 97878
Ion Ratio Lower Upper
284 100
142 37.1 21.2 31.8#
249 35.2 23.4 35.0#

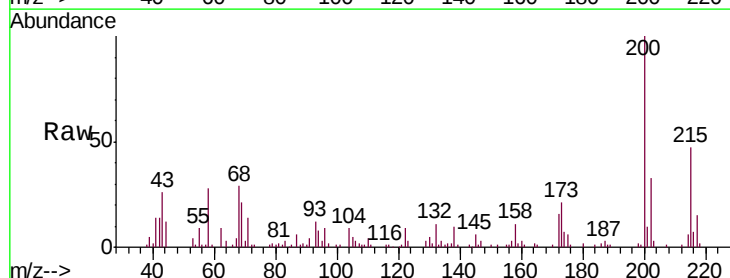


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

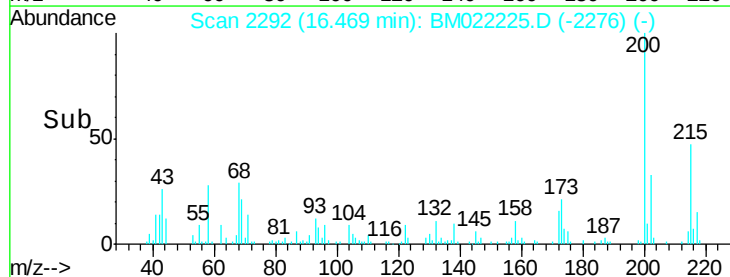
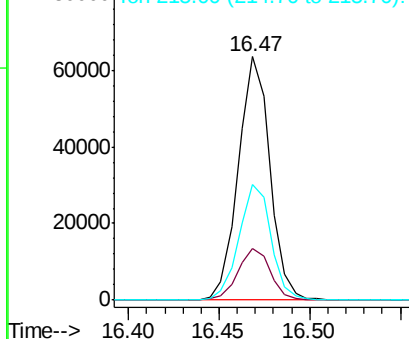


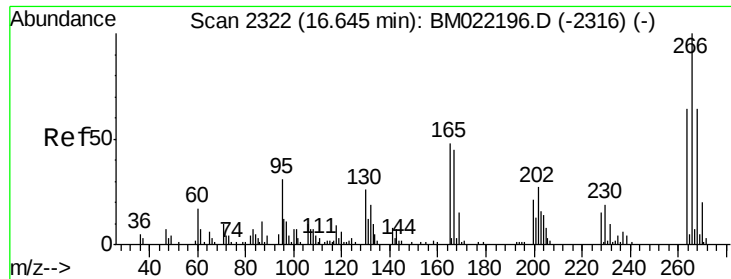
#69
Atrazine
Concen: 38.455 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 200 Resp: 76959
Ion Ratio Lower Upper
200 100
173 21.3 4.3 44.3
215 47.4 28.2 68.2



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

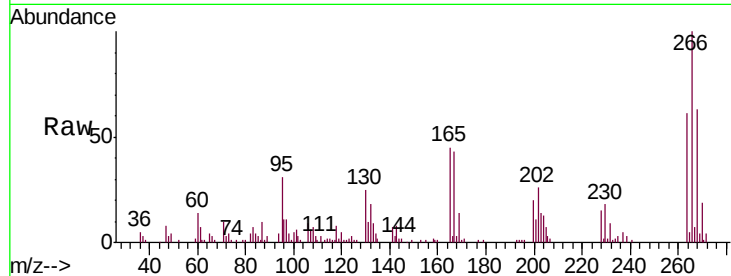




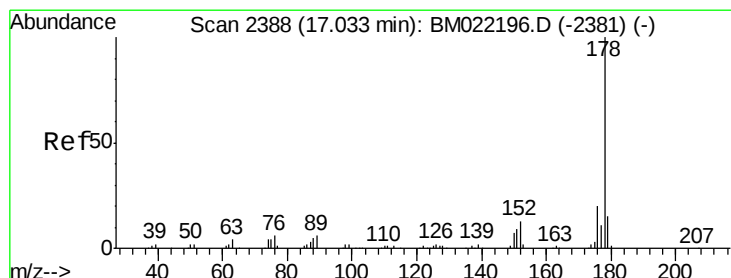
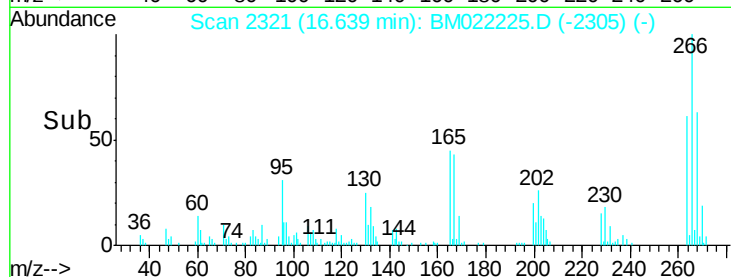
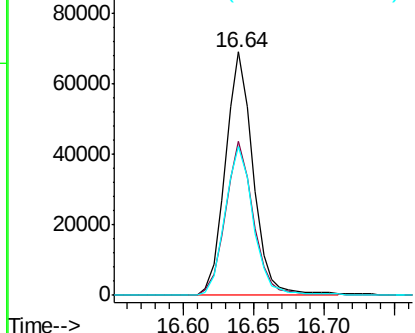
#70
 Pentachlorophenol
 Concen: 61.157 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

Tgt Ion:266 Resp: 94414
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.4
 264 61.4 49.9 74.9

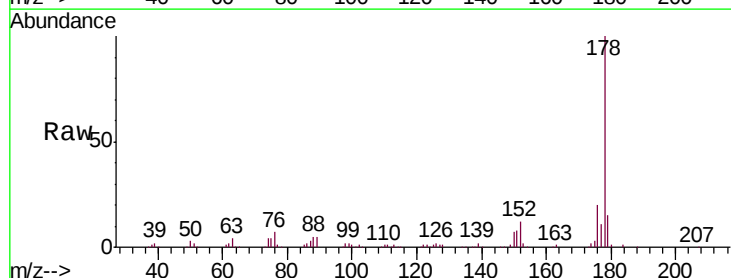


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

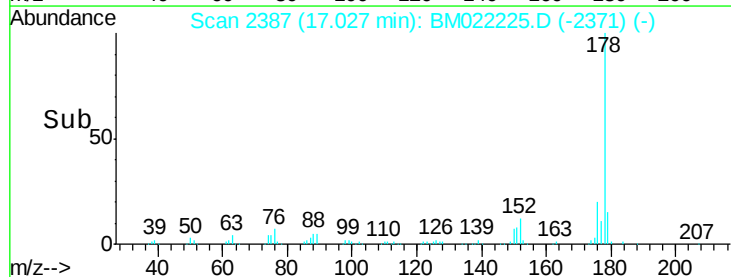
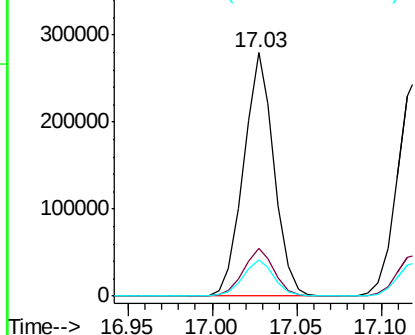


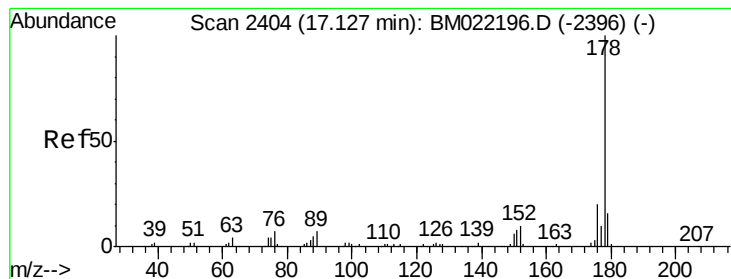
#71
 Phenanthrene
 Concen: 32.006 ng
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:178 Resp: 349829
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.1 12.2 18.4



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





#72

Anthracene

Concen: 32.290 ng

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

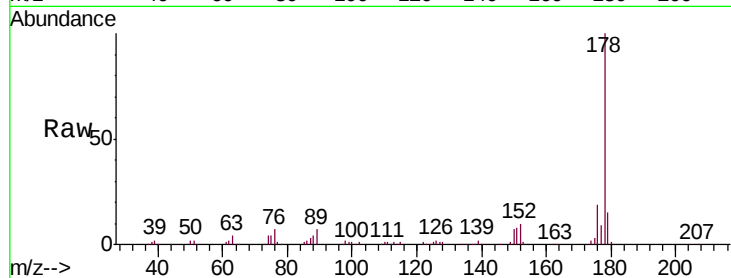
Tgt Ion:178 Resp: 350349

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

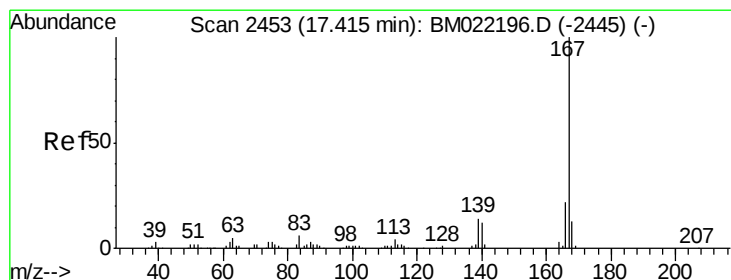
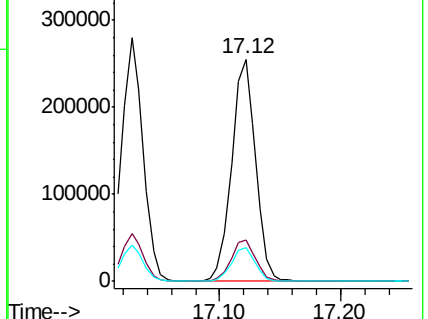
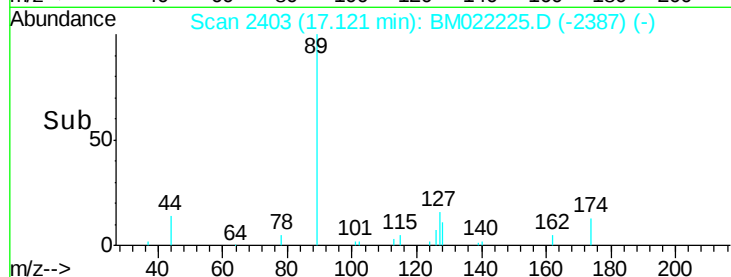
179 15.2 12.2 18.2



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: 31.311 ng

RT: 17.41 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

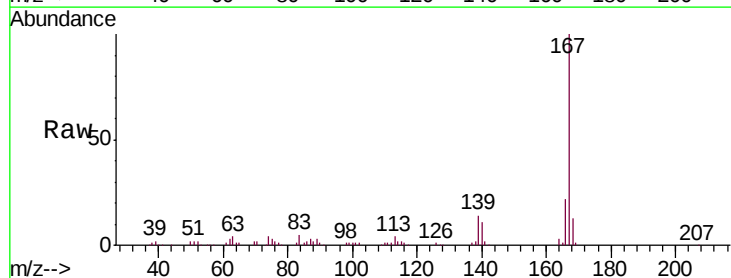
Tgt Ion:167 Resp: 283483

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

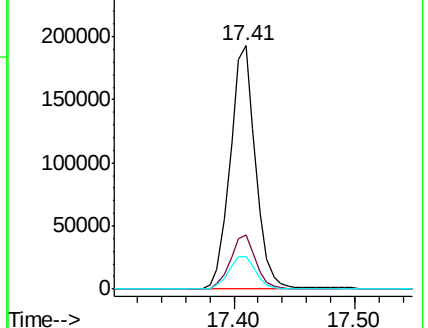
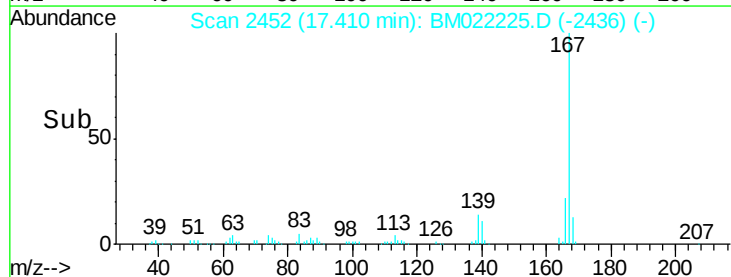
139 13.6 9.7 14.5

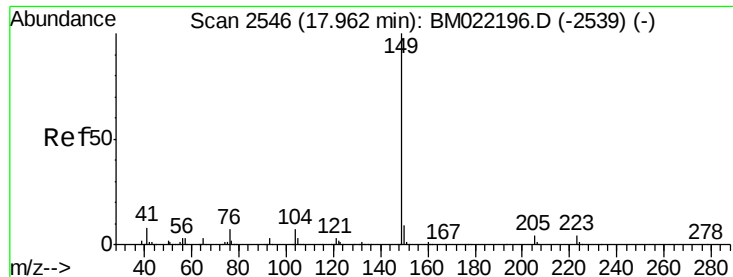


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

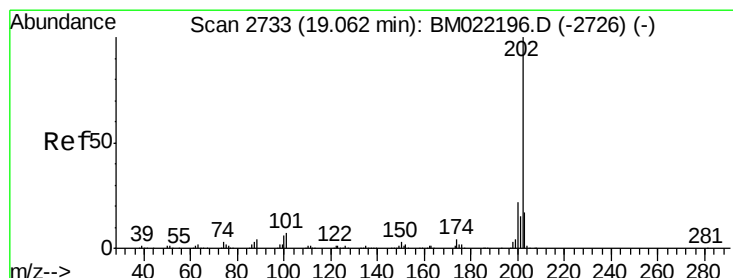
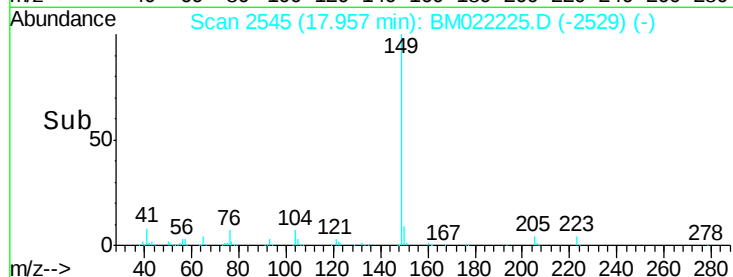
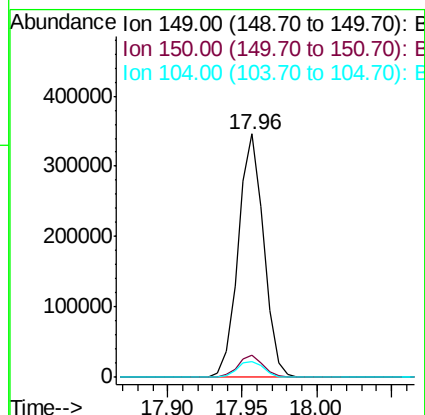
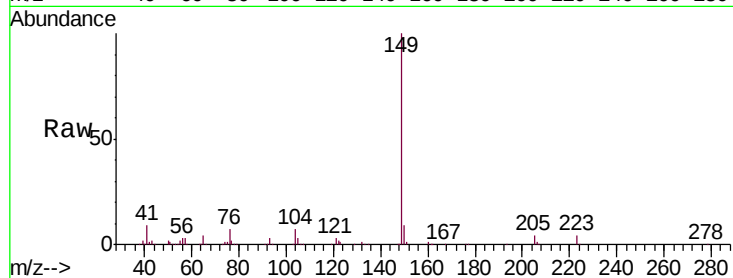




#74
Di-n-butylphthalate
Concen: 29.938 ng
RT: 17.96 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

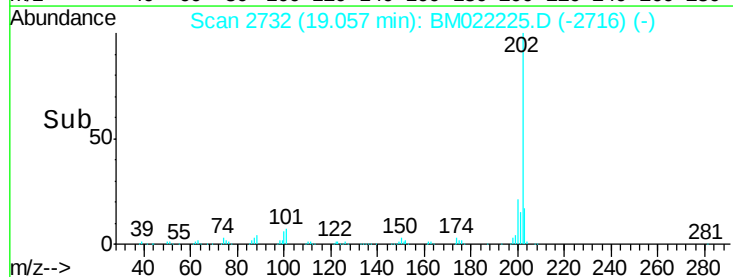
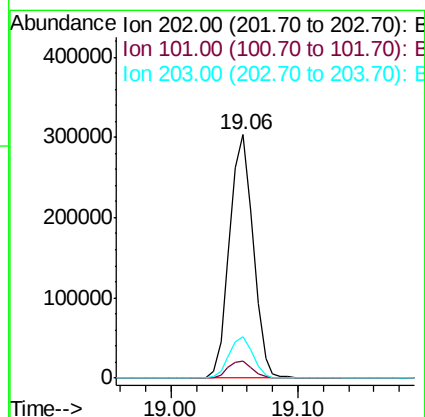
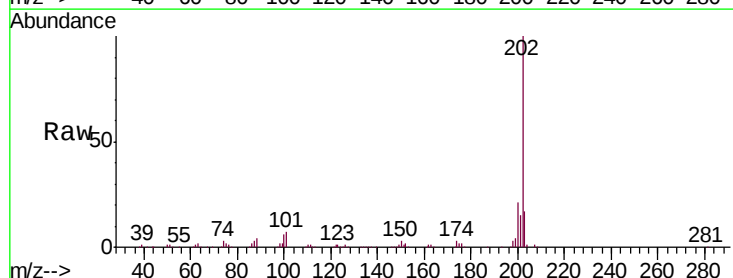
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

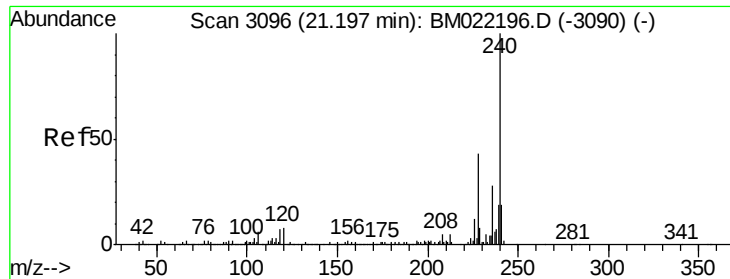
Tgt Ion:149 Resp: 411253
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 6.7 3.8 5.8#



#75
Fluoranthene
Concen: 29.666 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:202 Resp: 391028
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.2
203 17.1 0.0 37.6

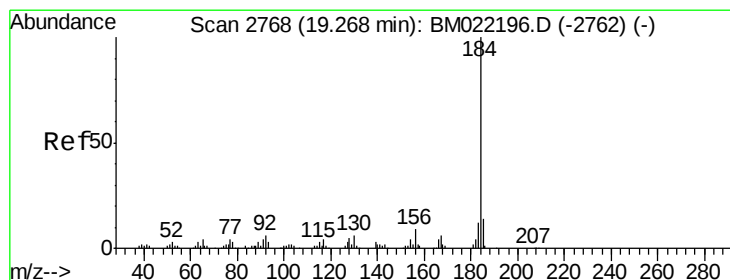
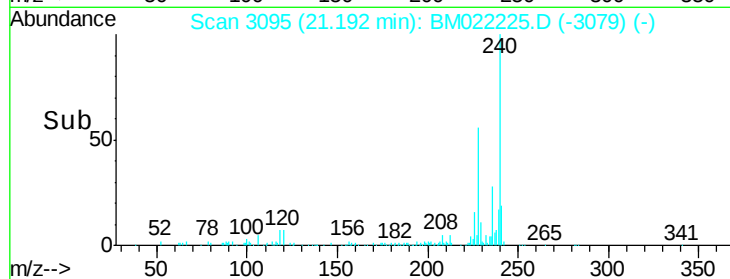
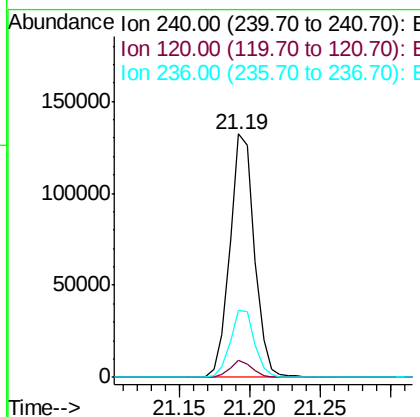
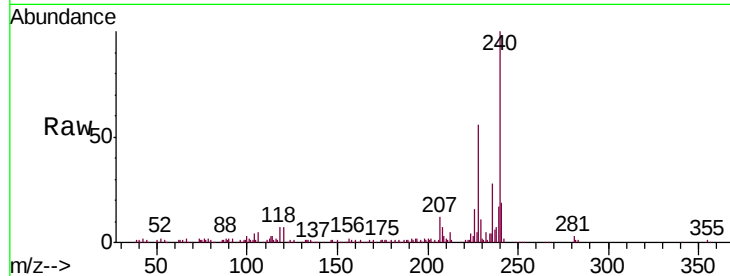




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

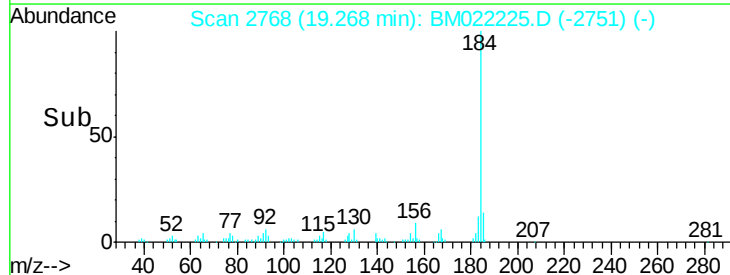
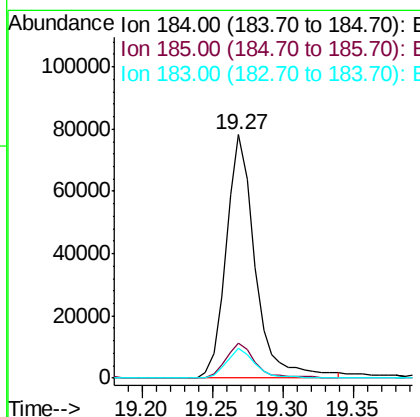
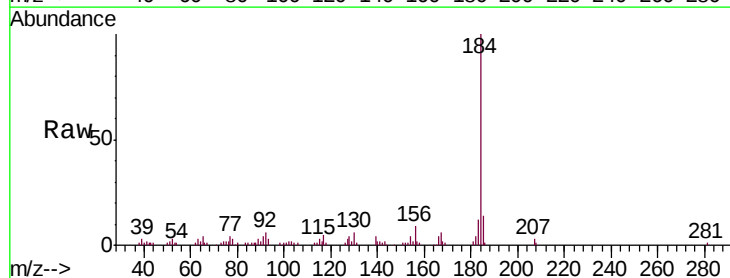
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

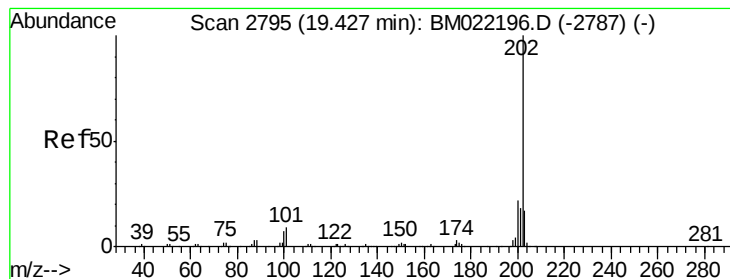
Tgt Ion:240 Resp: 159916
Ion Ratio Lower Upper
240 100
120 7.0 6.9 10.3
236 27.6 20.4 30.6



#77
Benzidine
Concen: 31.201 ng
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion:184 Resp: 111913
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 12.4 9.6 14.4





#78

Pyrene

Concen: 34.453 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

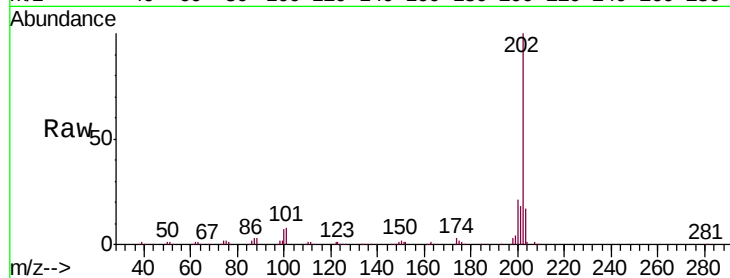
Tgt Ion:202 Resp: 387813

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

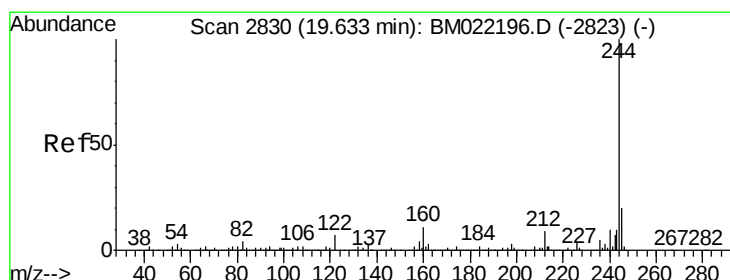
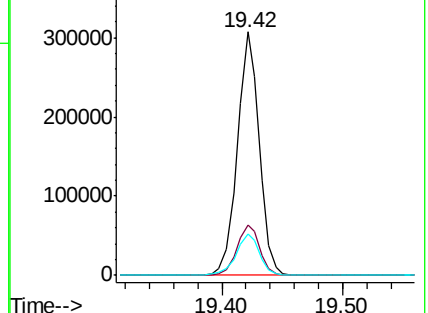
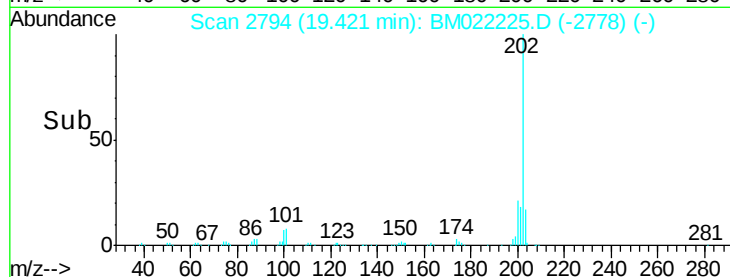
203 16.8 14.0 21.0



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: 65.330 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

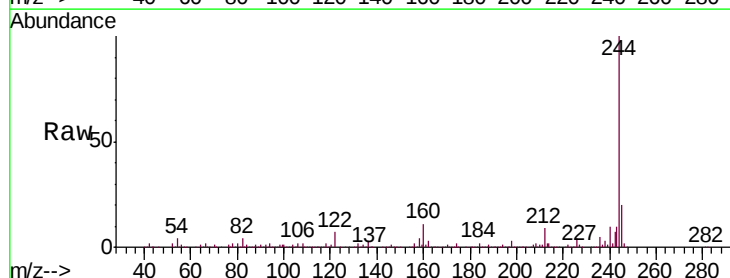
Tgt Ion:244 Resp: 716998

Ion Ratio Lower Upper

244 100

212 8.6 5.3 7.9#

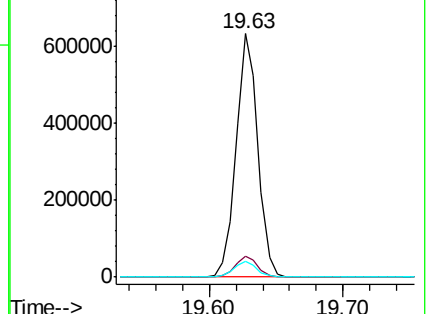
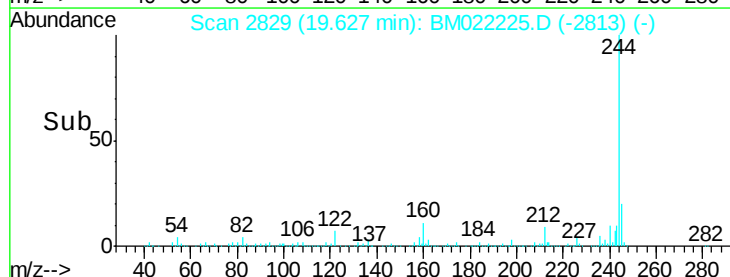
122 6.7 6.6 9.8

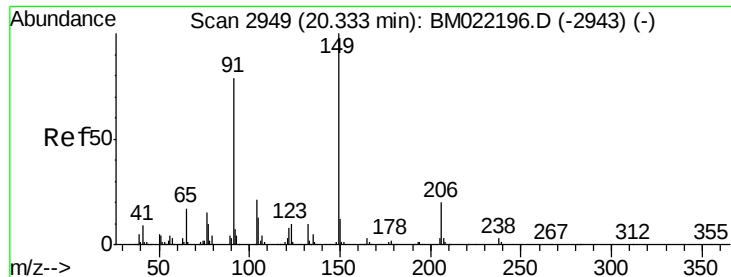


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

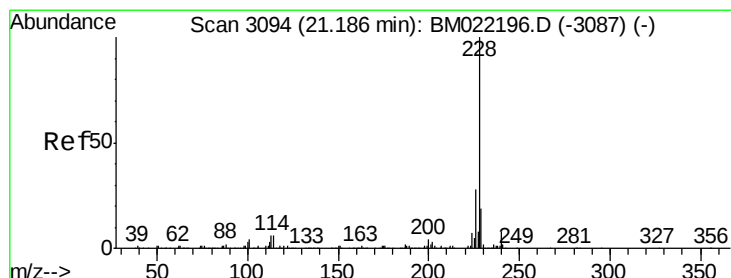
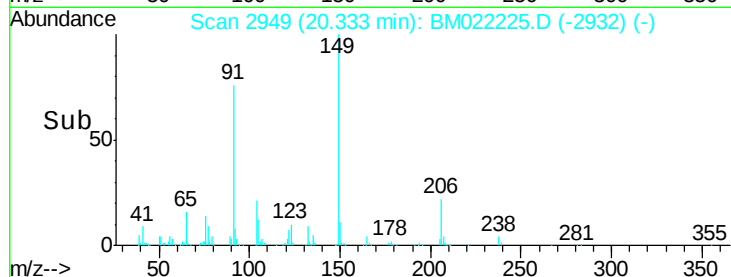
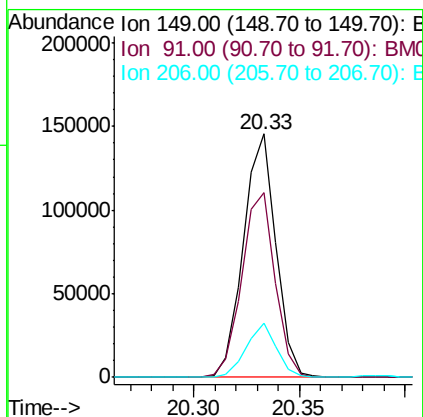
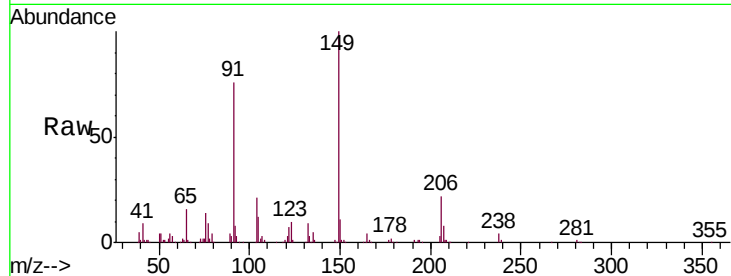




#80
Butylbenzylphthalate
Concen: 30.912 ng
RT: 20.33 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

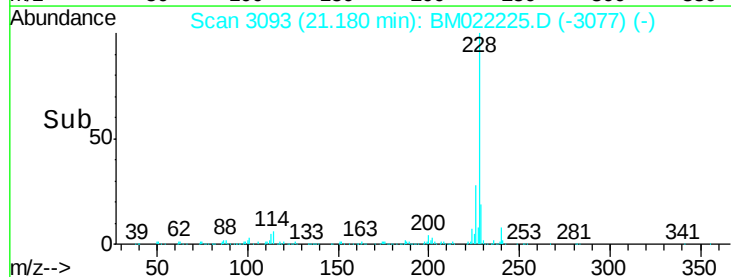
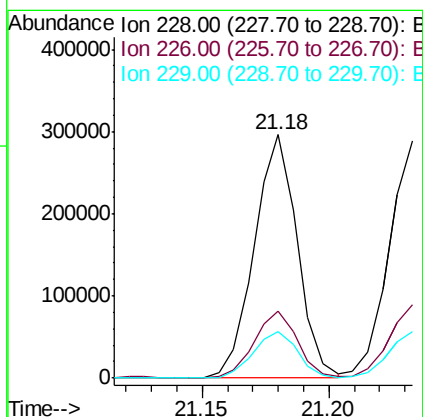
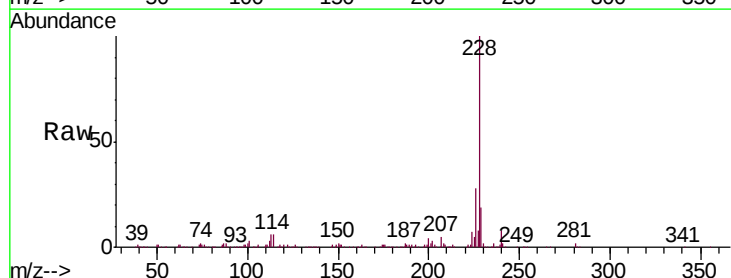
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

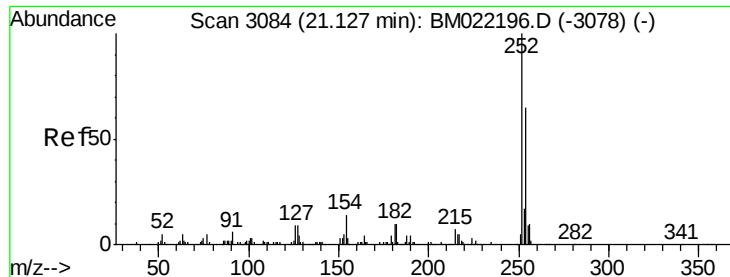
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	50.9	76.3
206	22.3	19.7	29.5



#81
Benzo(a)anthracene
Concen: 31.202 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	19.3	15.5	23.3

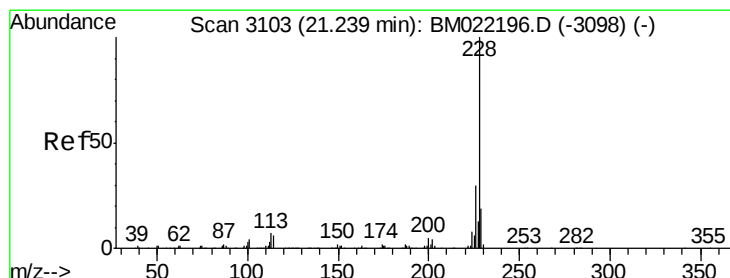
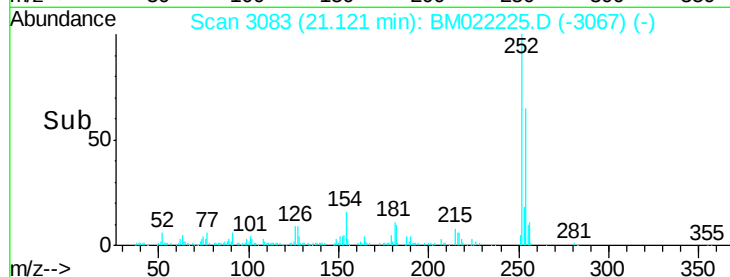
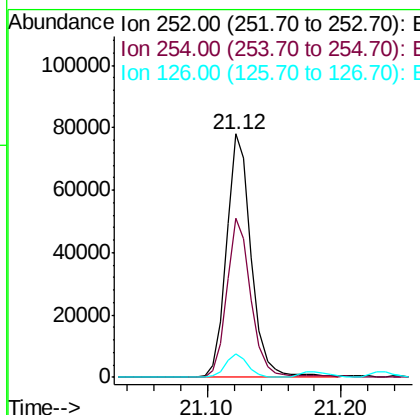
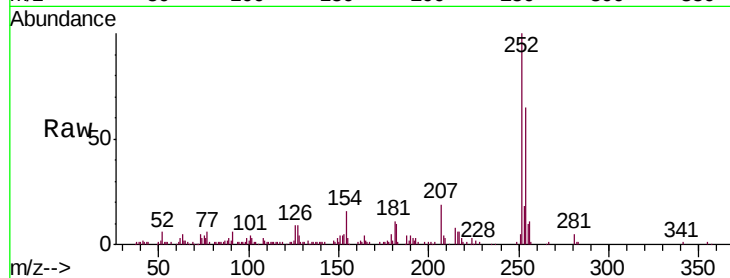




#82
 3,3'-Dichlorobenzidine
 Concen: 25.846 ng
 RT: 21.12 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

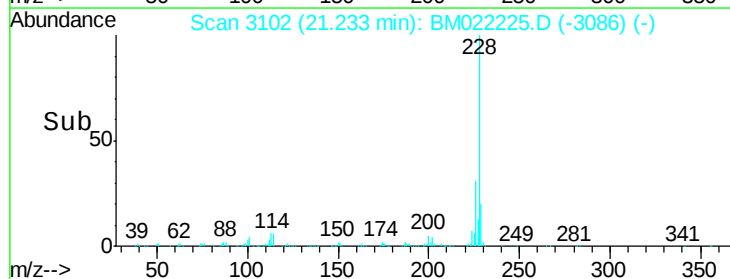
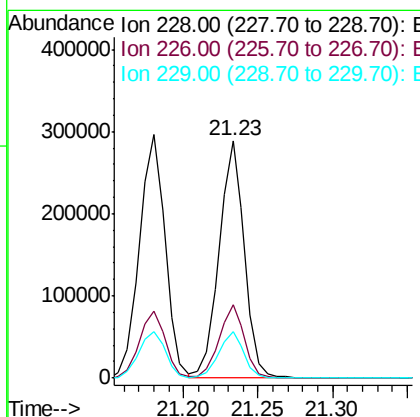
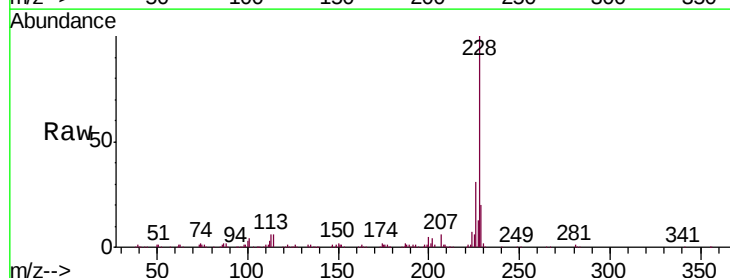
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

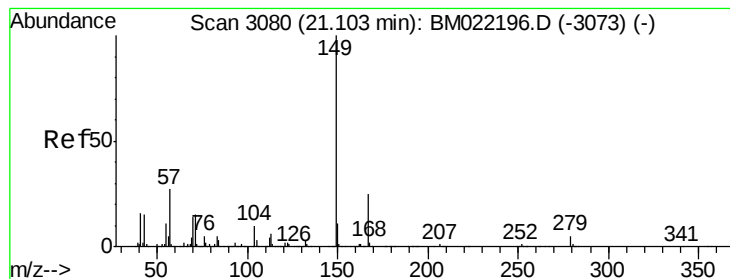
Tgt Ion:252 Resp: 101346
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.7 77.5
 126 9.4 6.6 9.8



#83
 Chrysene
 Concen: 31.464 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:228 Resp: 341581
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.1 36.1
 229 19.5 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.159 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

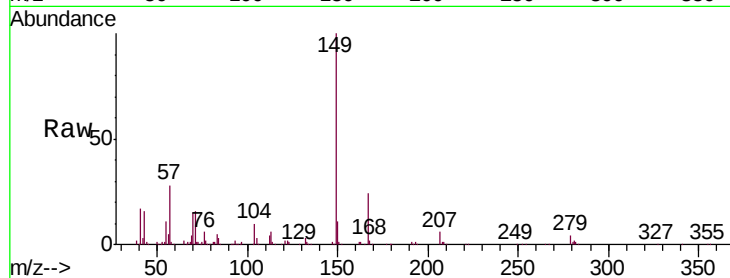
Tgt Ion:149 Resp: 235918

Ion Ratio Lower Upper

149 100

167 24.2 23.0 34.4

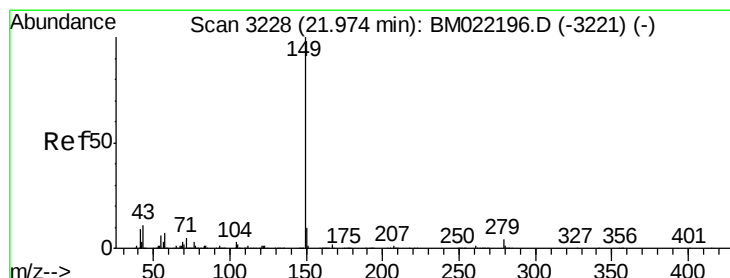
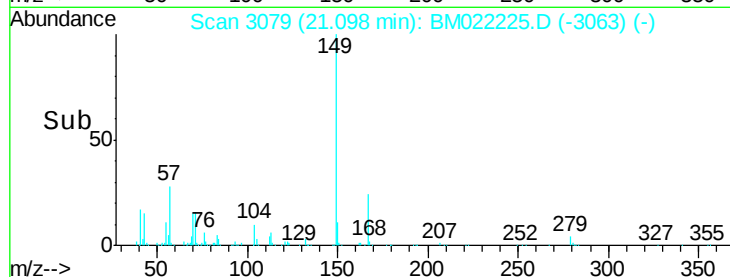
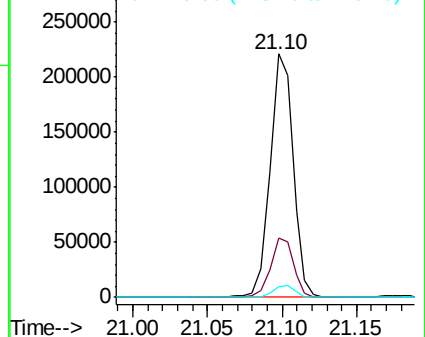
279 4.5 4.6 7.0#



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: 29.747 ng

RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

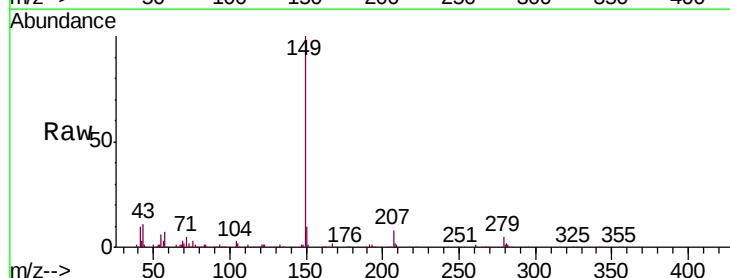
Tgt Ion:149 Resp: 364557

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

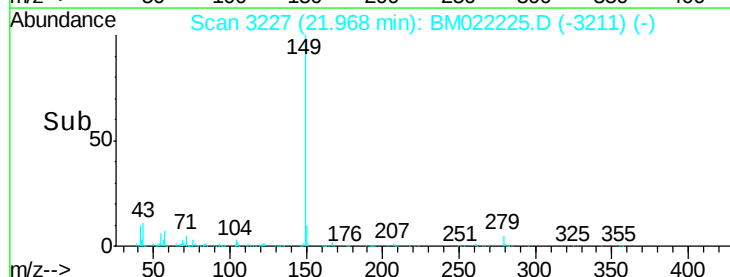
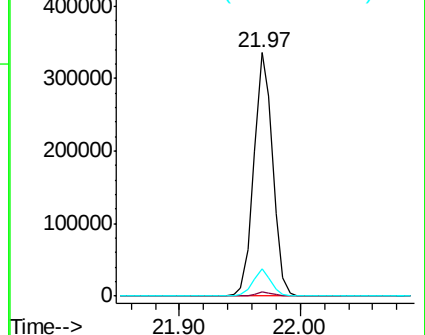
43 10.7 6.2 9.2#

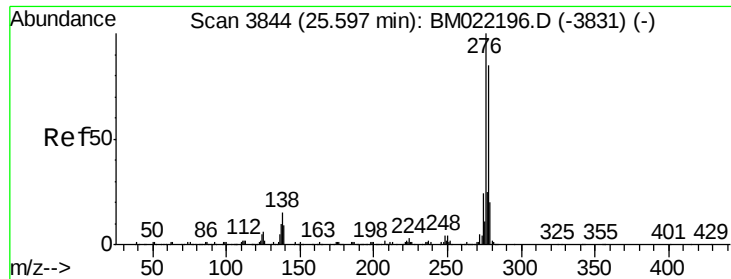


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

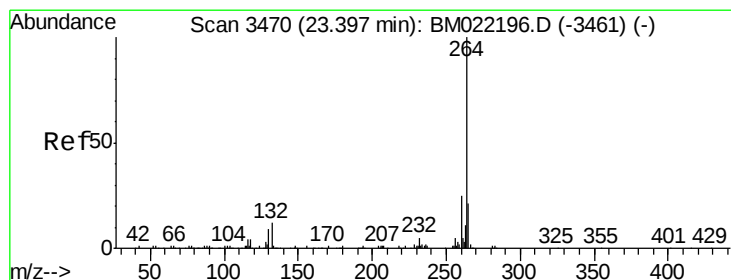
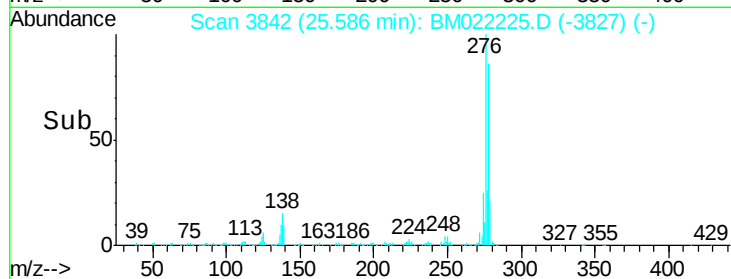
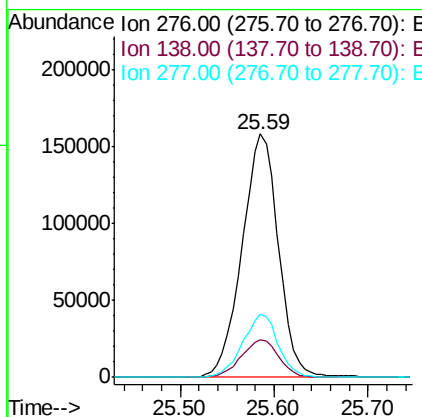
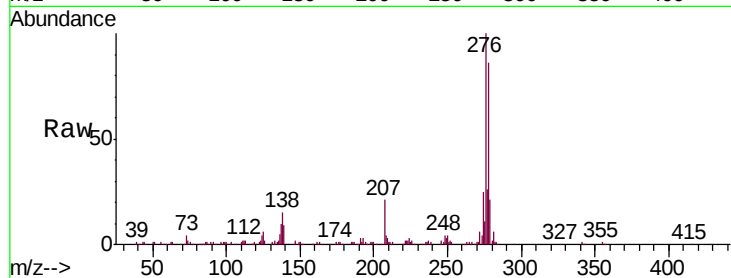




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 34.858 ng
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

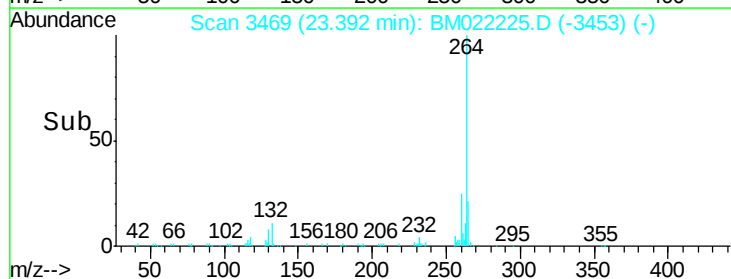
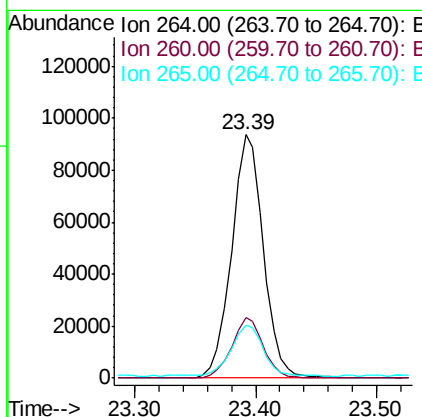
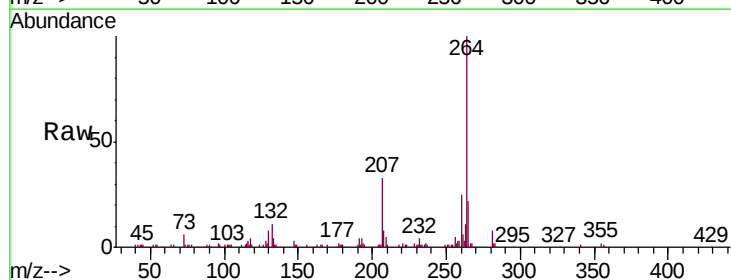
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MS

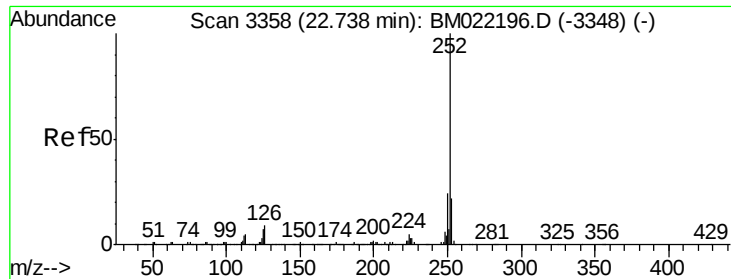
Tgt Ion:	276	Resp:	423900
Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.4	23.0
277	25.4	20.4	30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM022225.D
 Acq: 21 Aug 2019 12:39

Tgt Ion:	264	Resp:	171501
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	21.9	17.7	26.5

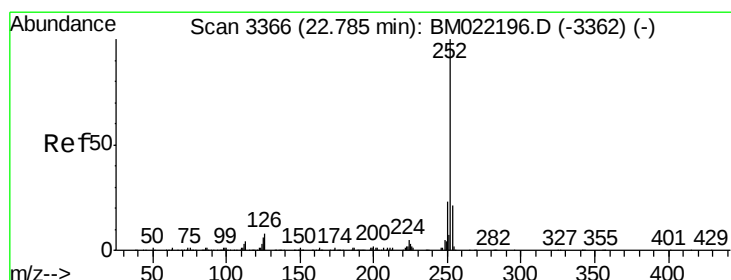
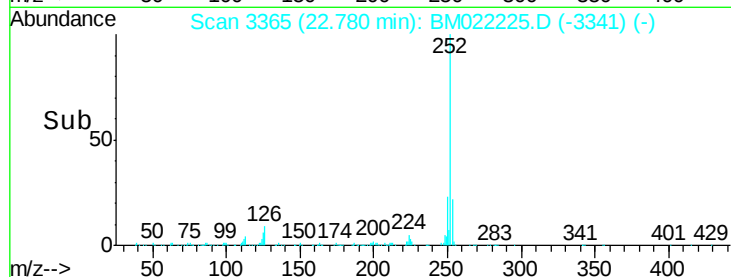
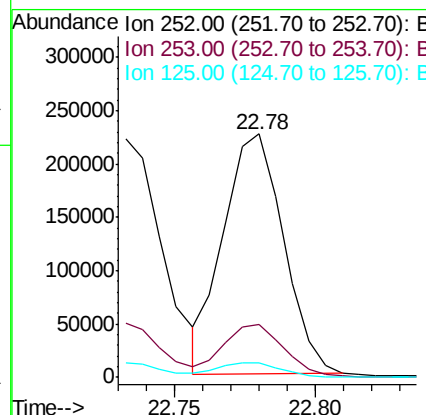
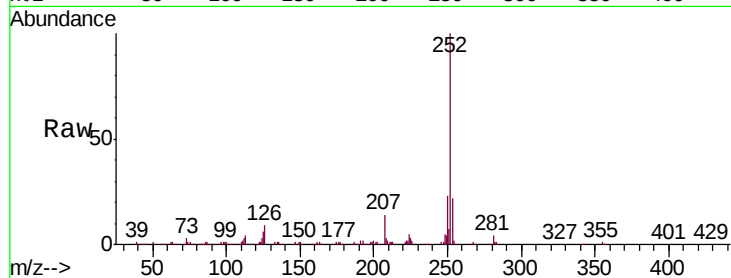




#88
Benzo(b)fluoranthene
Concen: 29.101 ng
RT: 22.78 min Scan# 3365
Delta R.T. 0.04 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

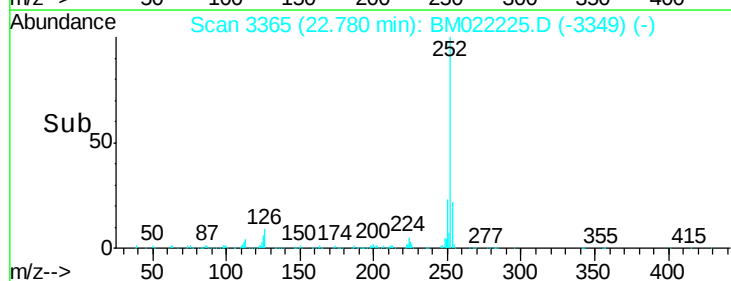
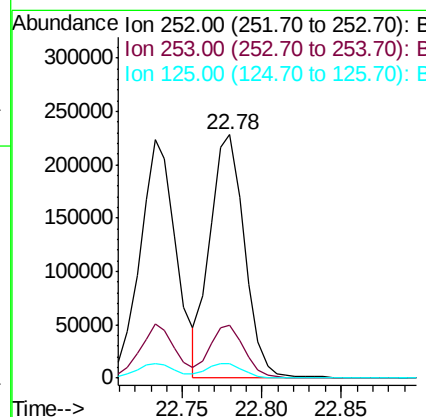
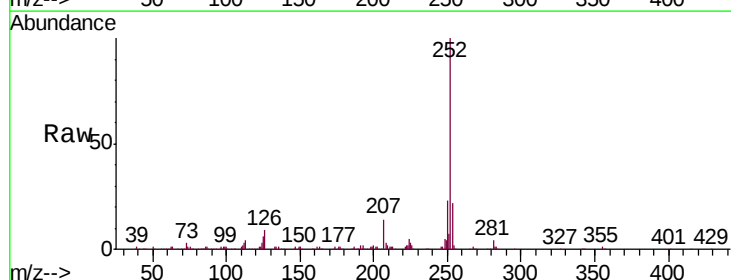
Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

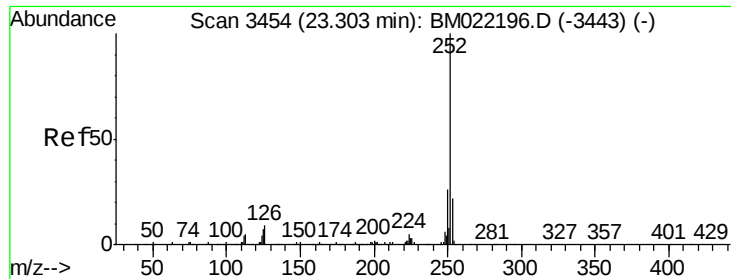
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	6.1	5.9	8.9



#89
Benzo(k)fluoranthene
Concen: 30.684 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM022225.D
Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.1	5.9	8.9





#90

Benzo(a)pyrene

Concen: 32.490 ng

RT: 23.30 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

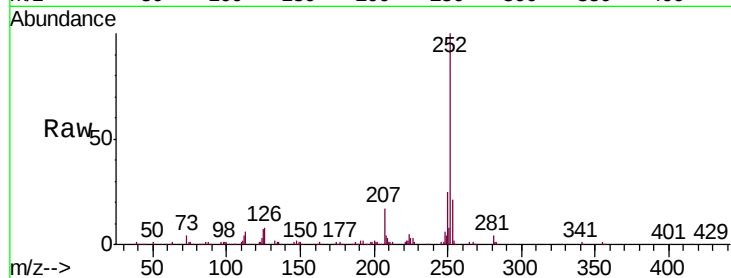
Tgt Ion:252 Resp: 338836

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

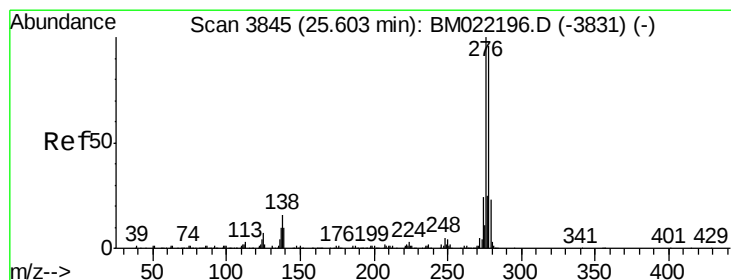
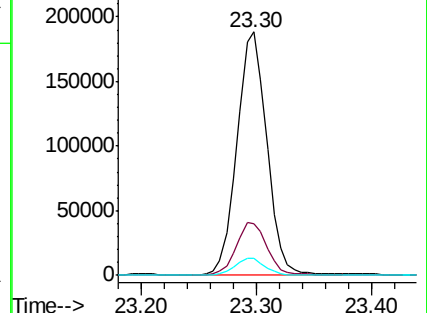
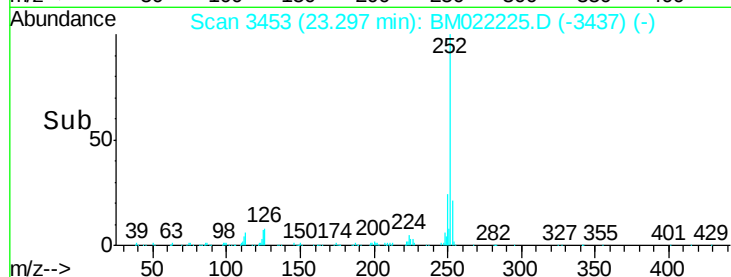
125 6.9 6.6 10.0



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: 32.582 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

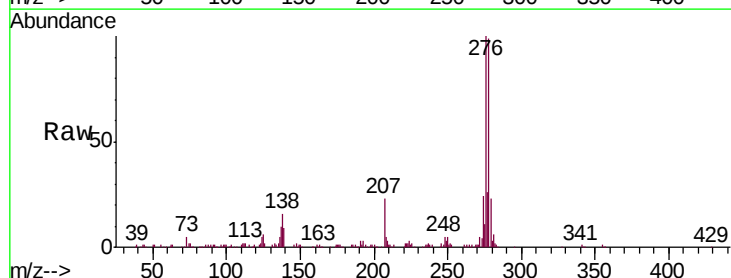
Tgt Ion:278 Resp: 361047

Ion Ratio Lower Upper

278 100

139 9.1 9.8 14.8#

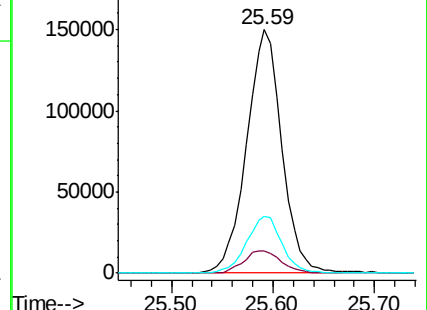
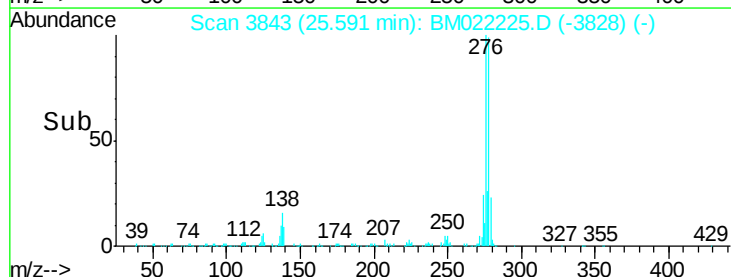
279 23.2 18.7 28.1

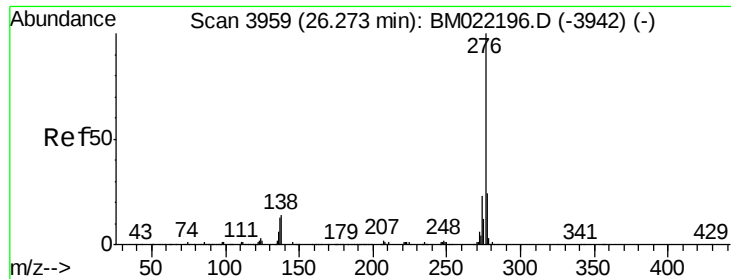


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.392 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MS

Tgt Ion: 276 Resp: 333184

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 12.8 13.1 19.7#

