

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022496.D
 Acq On : 03 Sep 2019 10:55
 Operator : HP/JU
 Sample : PB122730BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 03 11:31:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	18755	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	75661	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	48488	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	94320	20.00	ng	0.00
76) Chrysene-d12	21.15	240	89809	20.00	ng	0.00
87) Perylene-d12	23.34	264	76965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	142390	133.27	ng	0.00
7) Phenol-d6	6.71	99	175173	122.60	ng	0.00
23) Nitrobenzene-d5	8.68	82	124469	72.06	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	100572	101.36	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	290286	67.82	ng	0.00
79) Terphenyl-d14	19.58	244	465857	68.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	23551	47.767	ng	93
3) Pyridine	3.52	79	43510	36.687	ng	98
4) n-Nitrosodimethylamine	3.45	42	40912	50.035	ng	98
6) Aniline	6.86	93	73767	40.511	ng	98
8) 2-Chlorophenol	7.07	128	61261	49.813	ng	97
9) Benzaldehyde	6.68	77	44181	49.631	ng	98
10) Phenol	6.73	94	68158	47.484	ng	95
11) bis(2-Chloroethyl)ether	6.96	93	51770	47.791	ng	99
12) 1,3-Dichlorobenzene	7.39	146	67451	45.202	ng	96
13) 1,4-Dichlorobenzene	7.54	146	69456	45.938	ng	97
14) 1,2-Dichlorobenzene	7.85	146	66443	43.836	ng	98
15) Benzyl Alcohol	7.77	79	61557	45.412	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	64663	46.063	ng	97
17) 2-Methylphenol	7.96	107	48283	46.254	ng	99
18) Hexachloroethane	8.54	117	35028	49.968	ng	89
19) n-Nitroso-di-n-propylamine	8.32	70	47772	43.080	ng	92
20) 3+4-Methylphenols	8.29	107	64096	45.217	ng	94
22) Acetophenone	8.35	105	93374	44.692	ng	# 99
24) Nitrobenzene	8.72	77	79182	47.616	ng	96
25) Isophorone	9.24	82	123757	45.627	ng	97
26) 2-Nitrophenol	9.42	139	32683	49.065	ng	97
27) 2,4-Dimethylphenol	9.48	122	53319	53.661	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	71939	45.838	ng	98
29) 2,4-Dichlorophenol	9.95	162	59195	45.533	ng	94
30) 1,2,4-Trichlorobenzene	10.14	180	73826	44.595	ng	99
31) Naphthalene	10.32	128	180602	45.891	ng	100
32) Benzoic acid	9.70	122	34869	44.554	ng	93
33) 4-Chloroaniline	10.48	127	35227	20.804	ng	96
34) Hexachlorobutadiene	10.57	225	77600	47.524	ng	98
35) Caprolactam	11.32	113	5800	17.553	ng	90
36) 4-Chloro-3-methylphenol	11.60	107	61337	44.764	ng	93
37) 2-Methylnaphthalene	11.95	142	132716	44.378	ng	96
38) 1-Methylnaphthalene	12.17	142	123912	42.928	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	110687	48.100	ng	98

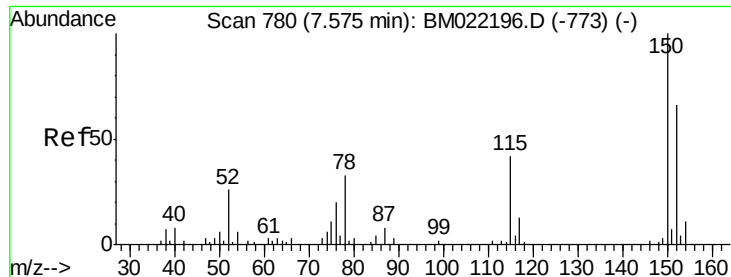
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022496.D
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 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	106517	108.436	ng	96
43) 2,4,6-Trichlorophenol	12.59	196	57437	46.242	ng	100
44) 2,4,5-Trichlorophenol	12.67	196	56739	46.068	ng	97
46) 1,1'-Biphenyl	12.99	154	177608	44.829	ng	99
47) 2-Chloronaphthalene	13.03	162	139993	44.501	ng	99
48) 2-Nitroaniline	13.28	65	43779	43.209	ng	99
49) Acenaphthylene	13.89	152	215626	45.415	ng	99
50) Dimethylphthalate	13.65	163	177179	42.013	ng	99
51) 2,6-Dinitrotoluene	13.79	165	35201	42.491	ng	93
52) Acenaphthene	14.23	154	121766	42.762	ng	98
53) 3-Nitroaniline	14.13	138	20104	25.274	ng	99
54) 2,4-Dinitrophenol	14.36	184	35084	71.430	ng	93
55) Dibenzofuran	14.57	168	208920	43.553	ng	96
56) 4-Nitrophenol	14.46	139	37193	70.291	ng	88
57) 2,4-Dinitrotoluene	14.60	165	47602	39.967	ng	# 96
58) Fluorene	15.23	166	177562	41.432	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	60813	43.813	ng	98
60) Diethylphthalate	15.02	149	181889	41.291	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	127193	43.160	ng	100
62) 4-Nitroaniline	15.32	138	26036	34.971	ng	98
63) Azobenzene	15.52	77	210732	47.924	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	27060	48.079	ng	99
66) n-Nitrosodiphenylamine	15.45	169	139271	48.907	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	72848	49.088	ng	96
68) Hexachlorobenzene	16.23	284	74244	44.167	ng	95
69) Atrazine	16.42	200	55424	45.714	ng	99
70) Pentachlorophenol	16.59	266	73916	98.307	ng	95
71) Phenanthrene	16.97	178	239184	43.505	ng	98
72) Anthracene	17.07	178	245011	45.295	ng	99
73) Carbazole	17.36	167	180211	40.304	ng	98
74) Di-n-butylphthalate	17.90	149	275542	45.447	ng	99
75) Fluoranthene	19.01	202	296948	40.558	ng	100
77) Benzidine	19.23	184	92785	61.355	ng	98
78) Pyrene	19.38	202	299294	48.900	ng	99
80) Butylbenzylphthalate	20.29	149	106100	49.673	ng	96
81) Benzo(a)anthracene	21.14	228	281630	43.690	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	73690	36.853	ng	97
83) Chrysene	21.19	228	268792	43.809	ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	155091	53.475	ng	97
85) Di-n-octyl phthalate	21.92	149	247691	53.176	ng	97
86) Indeno(1,2,3-cd)pyrene	25.51	276	245801	39.828	ng	99
88) Benzo(b)fluoranthene	22.69	252	239287	44.753	ng	99
89) Benzo(k)fluoranthene	22.73	252	241084	45.452	ng	99
90) Benzo(a)pyrene	23.25	252	222453	46.873	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	199148	42.082	ng	99
92) Benzo(g,h,i)perylene	26.19	276	187973	45.576	ng	98

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

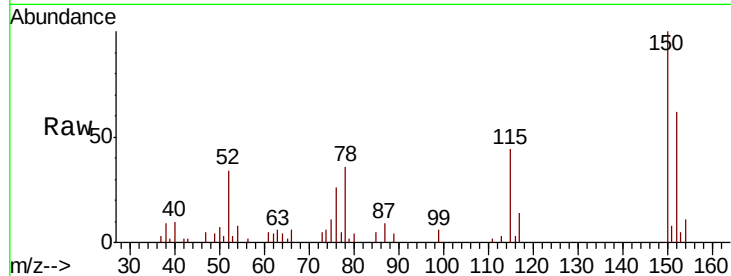


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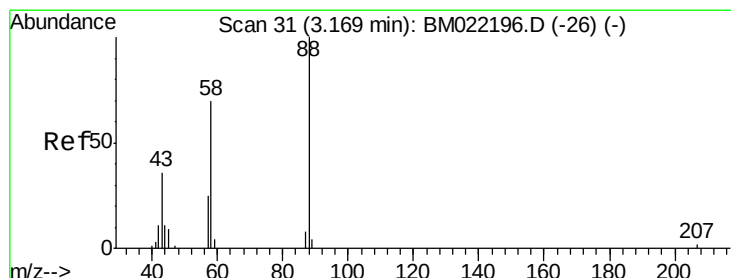
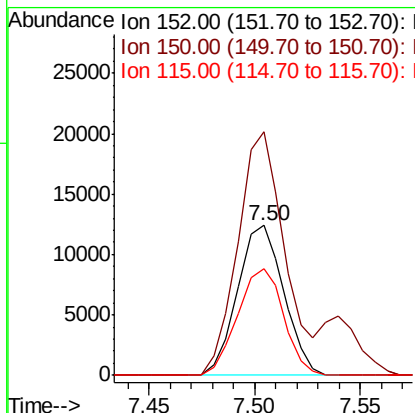
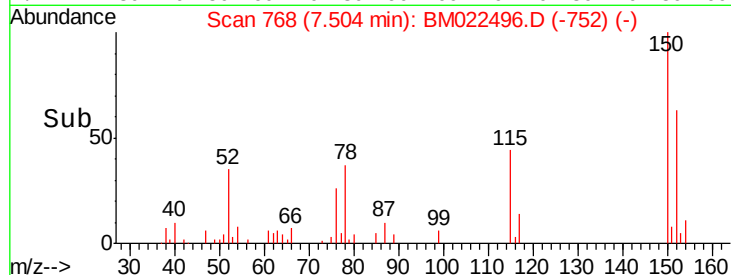
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 18755
Ion Ratio Lower Upper
152 100
150 162.3 125.4 188.0
115 70.9 50.3 75.5



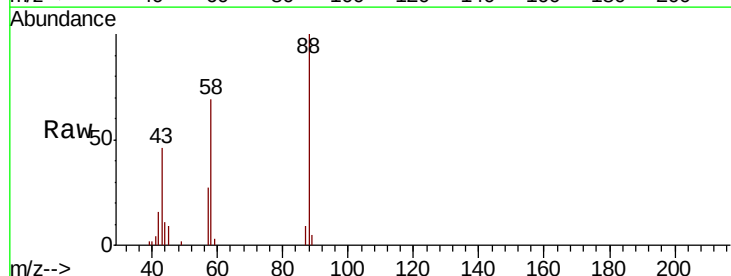
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



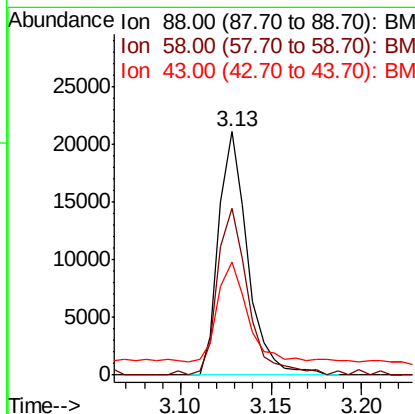
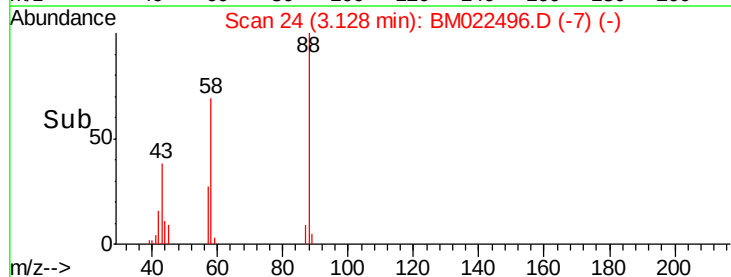
#2

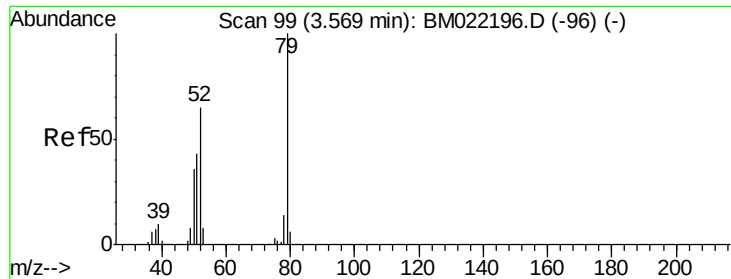
1,4-Dioxane
Concen: 47.767 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion: 88 Resp: 23551
Ion Ratio Lower Upper
88 100
58 73.4 53.8 80.8
43 42.4 30.6 46.0



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

Pvridine

Concen: 36.687 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

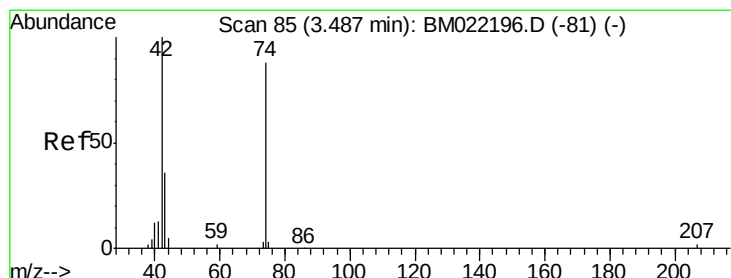
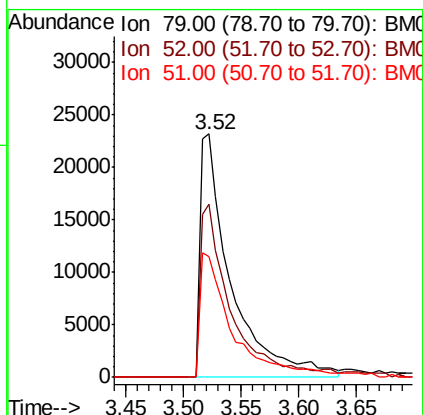
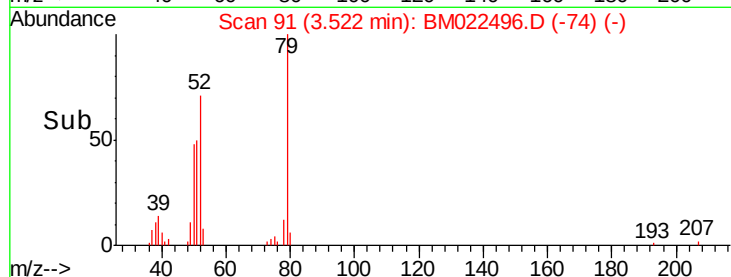
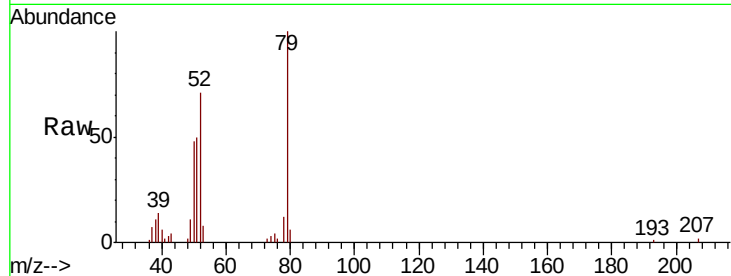
Tot Ion: 79 Resp: 43510

Ion Ratio Lower Upper

79 100

52 71.0 54.8 82.2

51 49.7 40.2 60.4



#4

n-Nitrosodimethylamine

Concen: 50.035 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

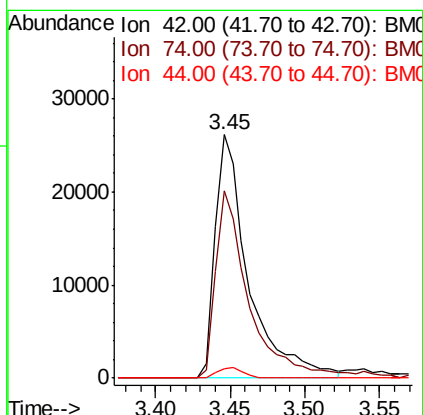
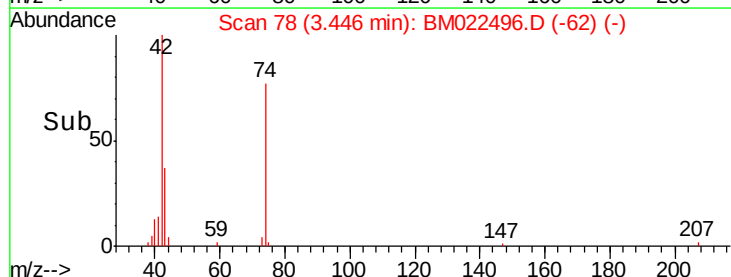
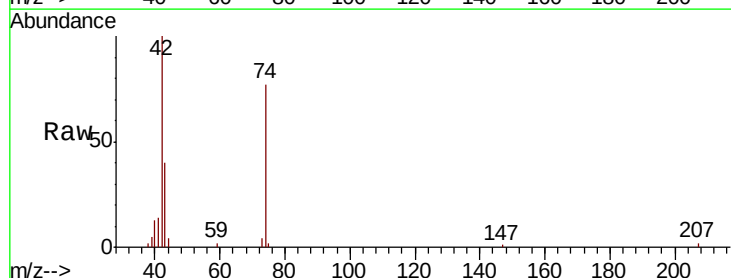
Tgt Ion: 42 Resp: 40912

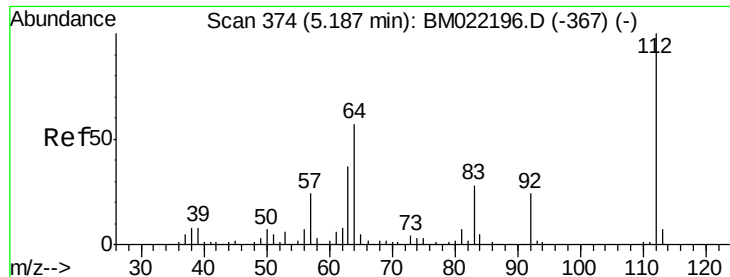
Ion Ratio Lower Upper

42 100

74 77.2 63.0 94.6

44 3.8 3.0 4.6





#5

2-Fluorophenol

Concen: 133.266 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampled :

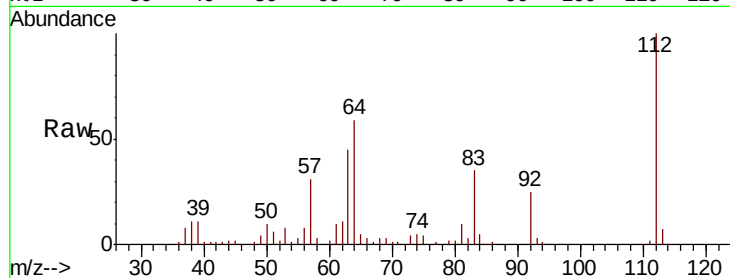
Tot Ion: 112 Resp: 142390

Ion Ratio Lower Upper

112 100

64 59.5 45.4 68.2

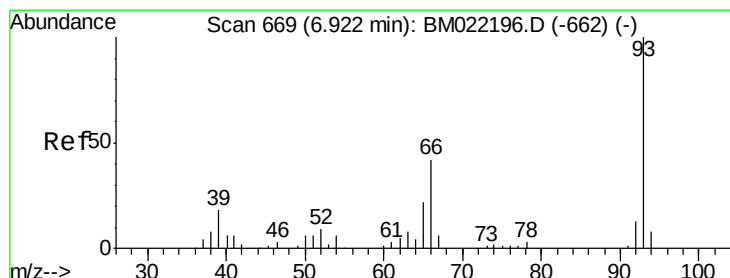
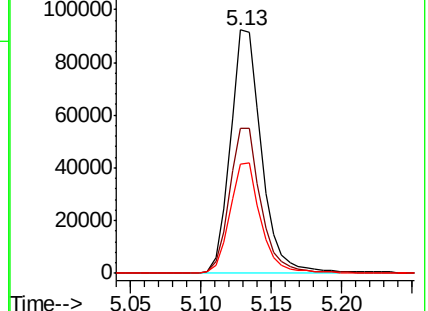
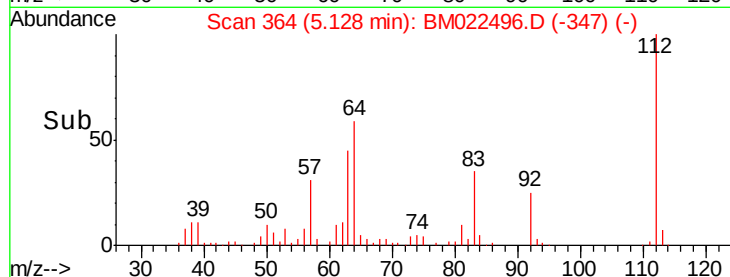
63 44.9 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.511 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

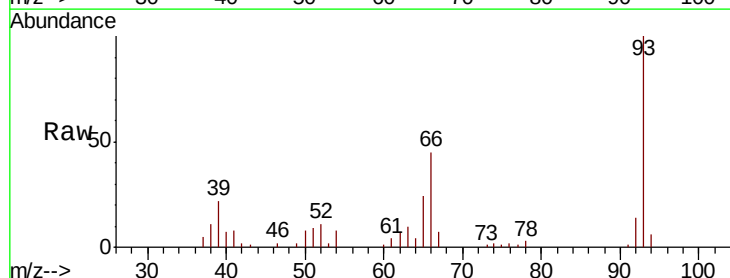
Tgt Ion: 93 Resp: 73767

Ion Ratio Lower Upper

93 100

66 44.7 34.7 52.1

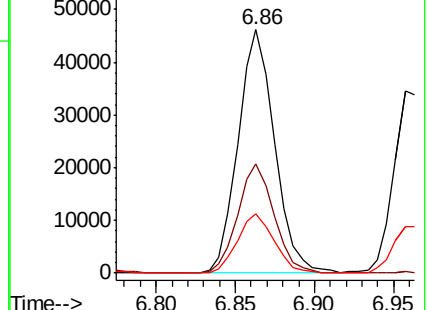
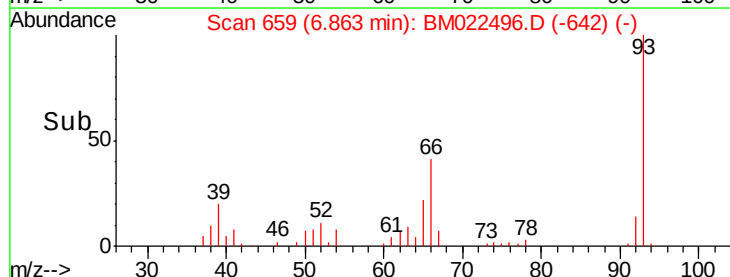
65 24.2 18.8 28.2

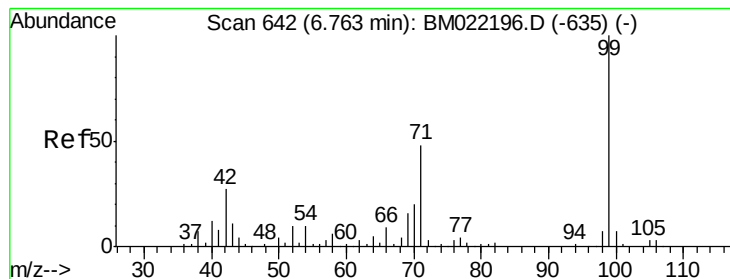


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 122.600 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampled :

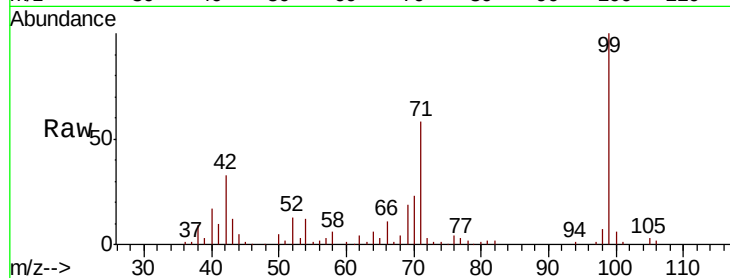
Tot Ion: 99 Resp: 175173

Ion Ratio Lower Upper

99 100

42 32.7 26.3 39.5

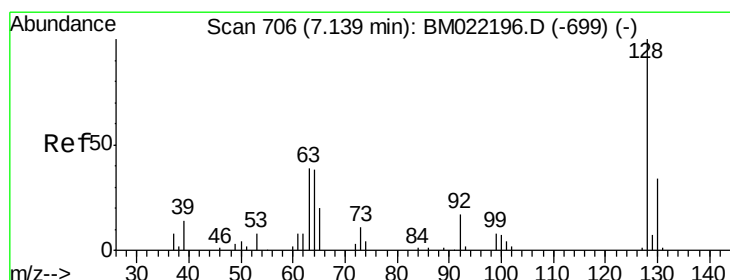
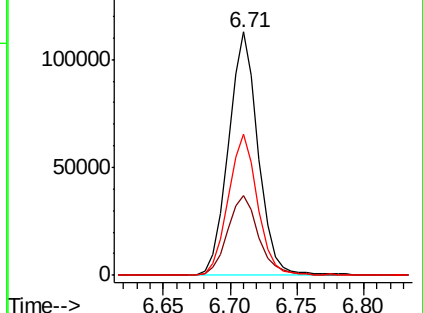
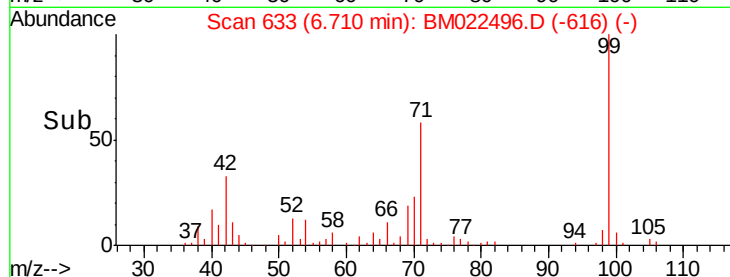
71 57.7 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#8

2-Chlorophenol

Concen: 49.813 ng

RT: 7.07 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

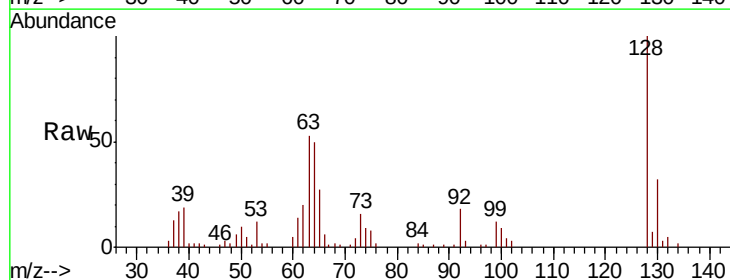
Tgt Ion: 128 Resp: 61261

Ion Ratio Lower Upper

128 100

130 32.2 11.5 51.5

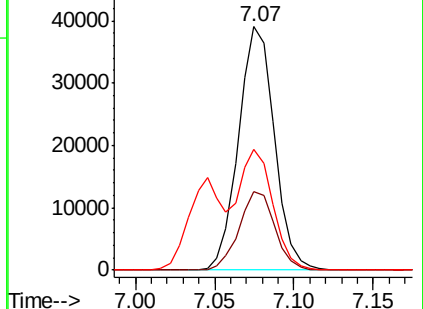
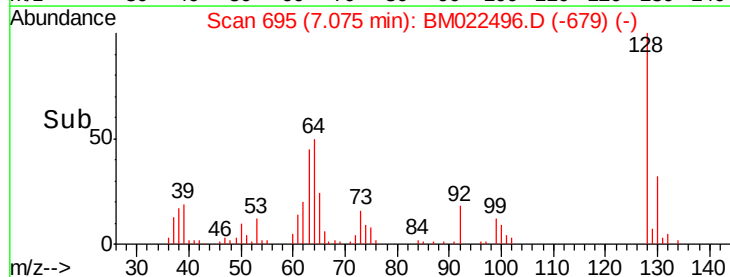
64 49.7 26.7 66.7

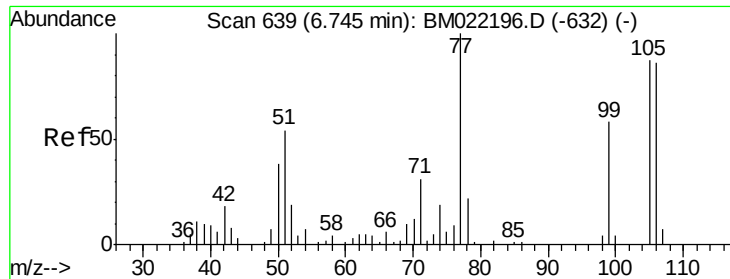


Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM022196.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM022196.D (-699) (-)

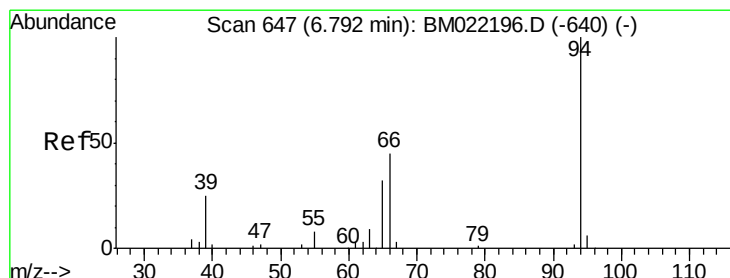
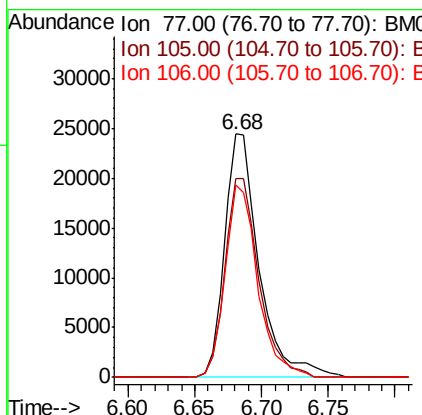
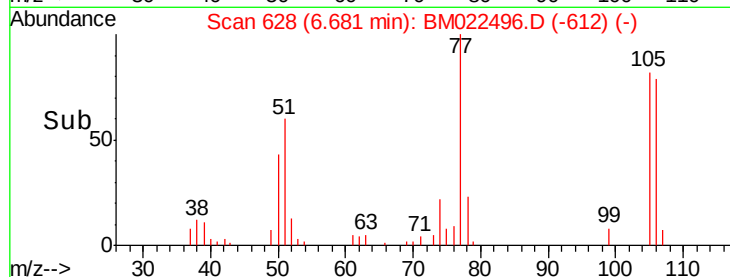
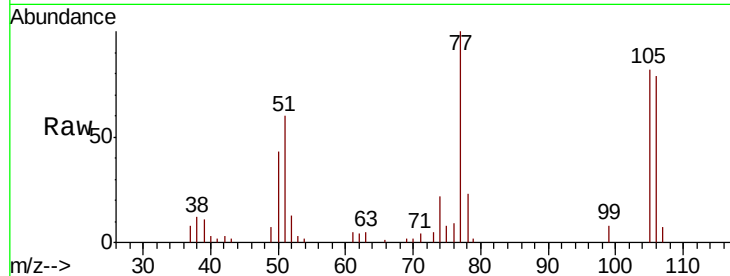




#9
Benzaldehyde
Concen: 49.631 ng
RT: 6.68 min Scan# 628
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

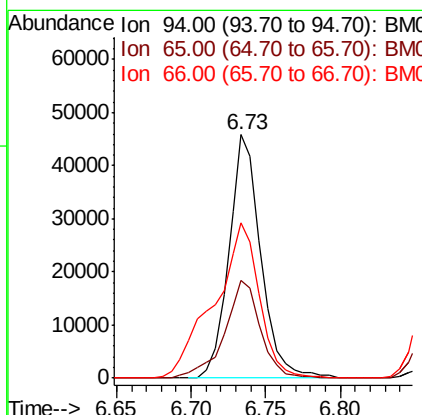
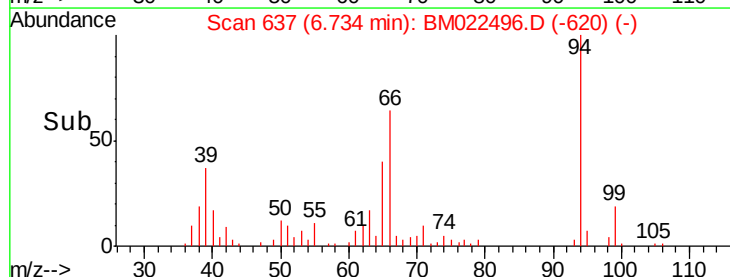
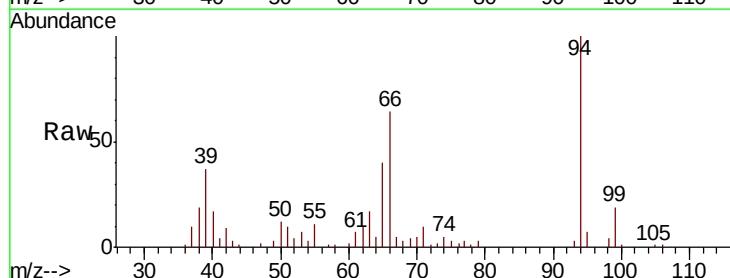
Instrument :
BNA_M
ClientSampled :

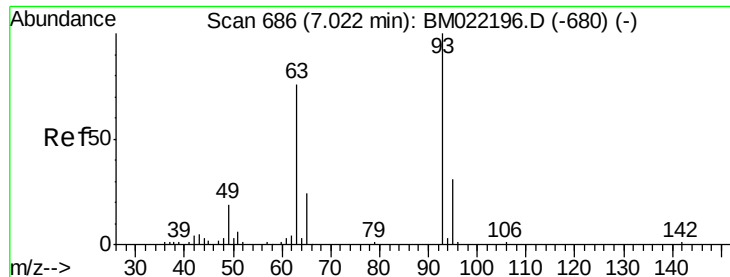
Tot Ion: 77 Resp: 44181
Ion Ratio Lower Upper
77 100
105 81.7 60.1 100.1
106 79.1 57.4 97.4



#10
Phenol
Concen: 47.484 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion: 94 Resp: 68158
Ion Ratio Lower Upper
94 100
65 39.9 17.7 57.7
66 63.9 39.6 79.6

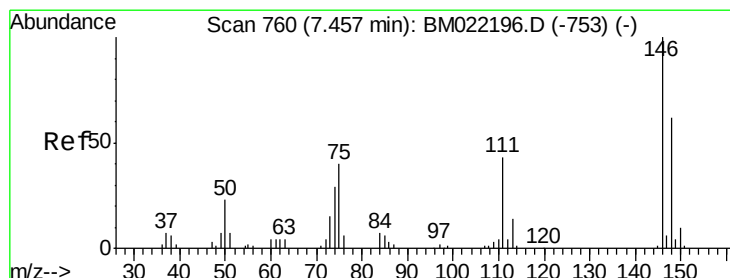
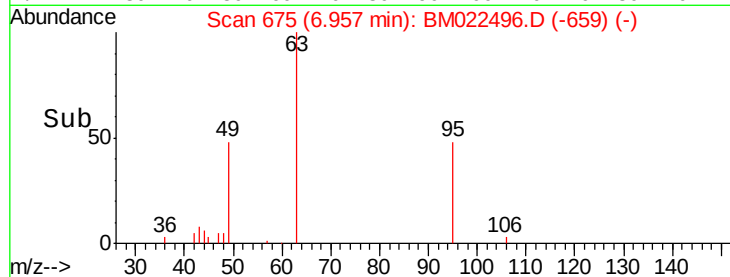
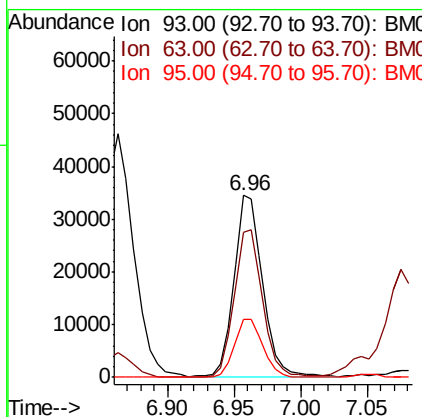
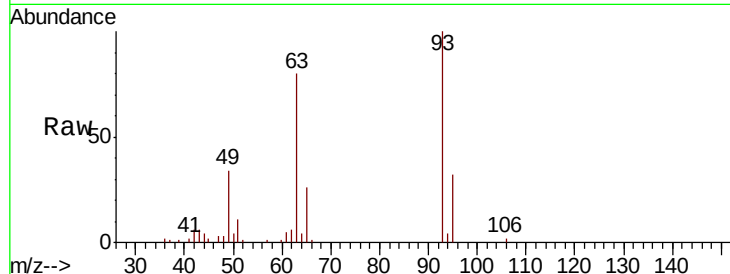




#11
 bis(2-Chloroethyl)ether
 Concen: 47.791 ng
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

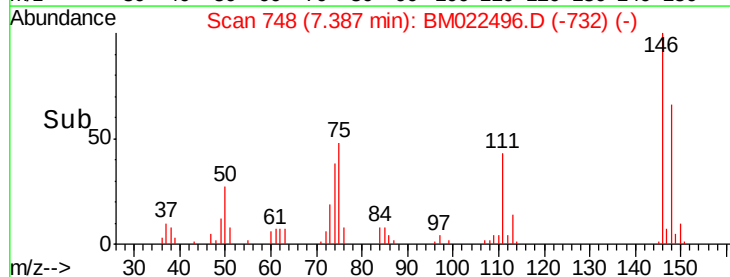
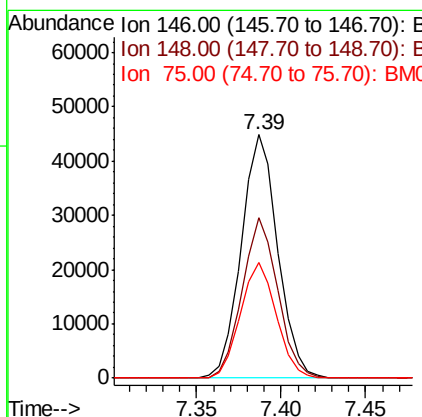
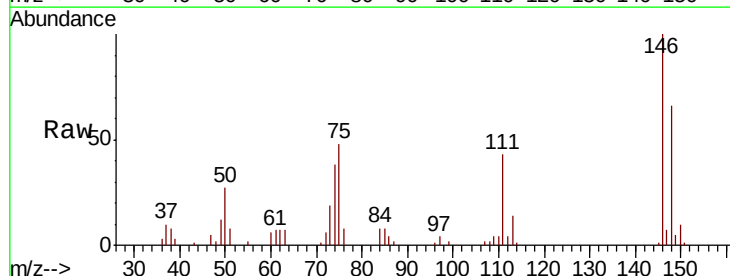
Instrument :
 BNA_M
 ClientSampleId :

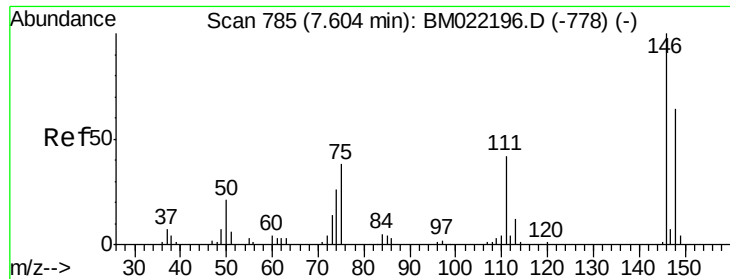
Tot Ion: 93 Resp: 51770
 Ion Ratio Lower Upper
 93 100
 63 79.9 59.1 99.1
 95 31.7 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 45.202 ng
 RT: 7.39 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion: 146 Resp: 67451
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.5 77.3
 75 47.5 34.6 52.0

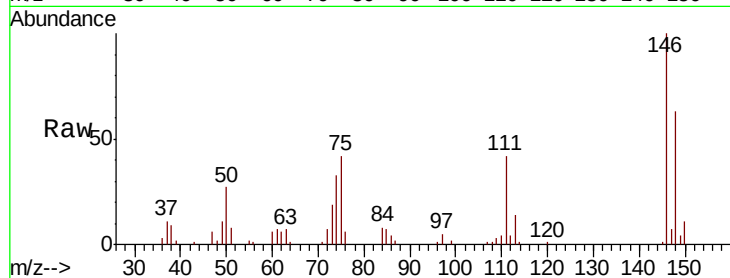




#13
 1,4-Dichlorobenzene
 Concen: 45.938 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
111	41.7	33.5	50.3

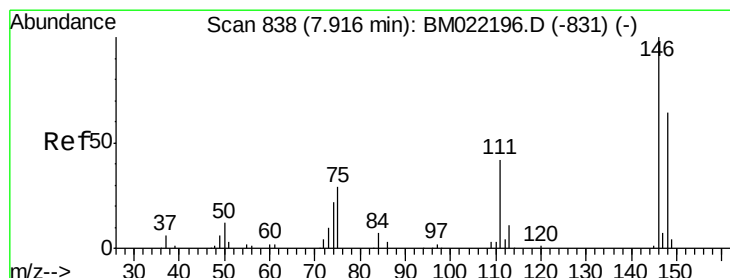
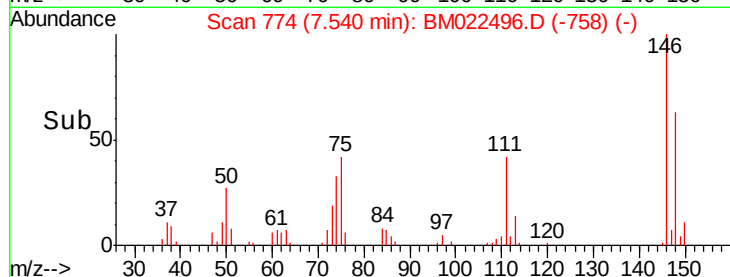
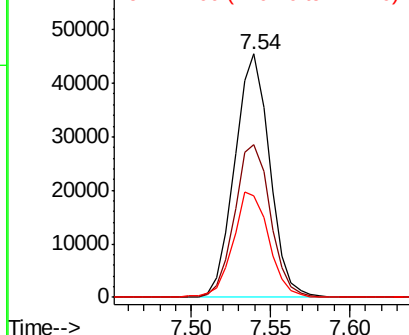


Abundance

Ion 146.00 (145.70 to 146.70): E

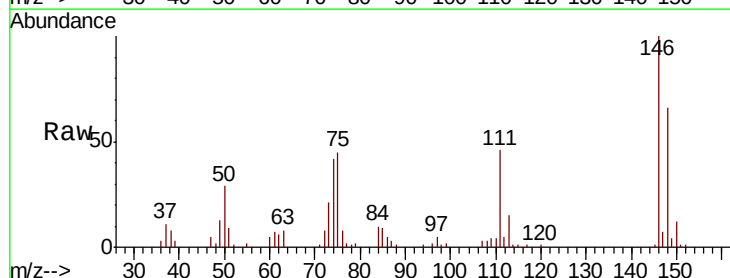
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.836 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.7	82.1
111	46.3	36.7	55.1

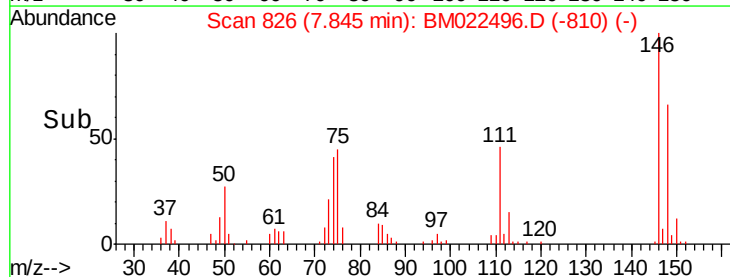
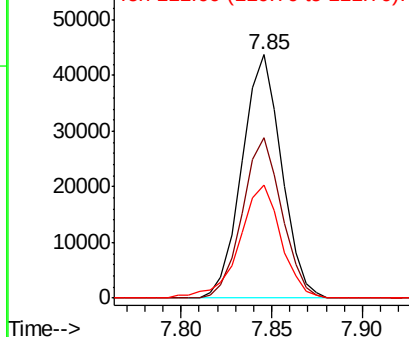


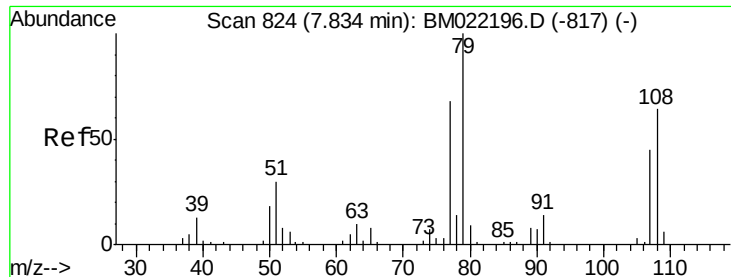
Abundance

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: 45.412 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

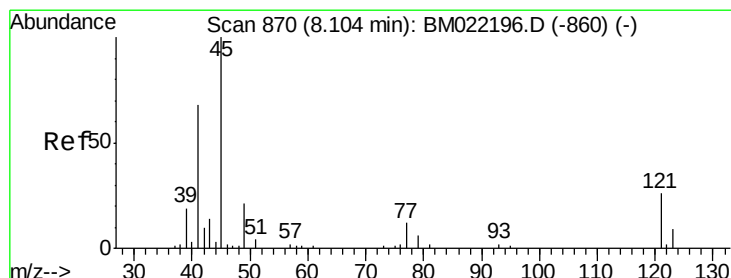
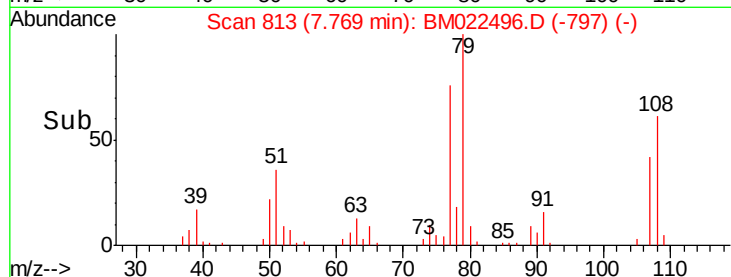
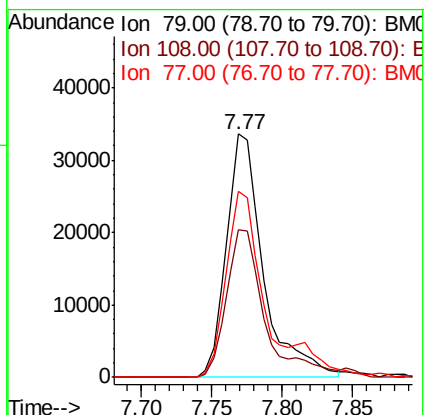
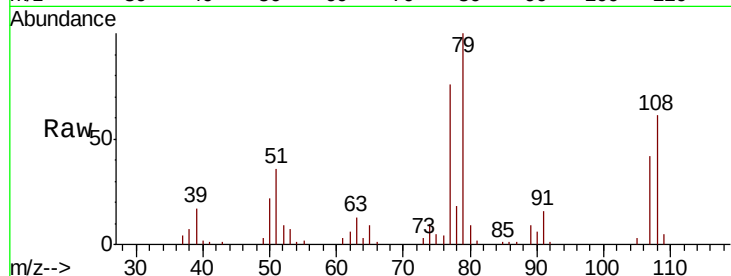
Tot Ion: 79 Resp: 61557

Ion Ratio Lower Upper

79 100

108 60.5 48.2 72.4

77 76.3 56.6 85.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.063 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

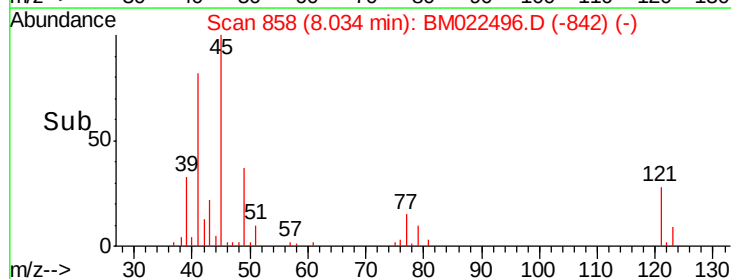
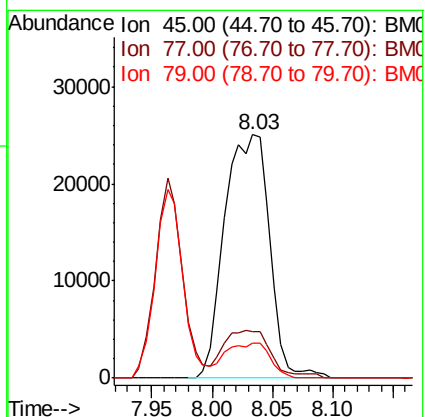
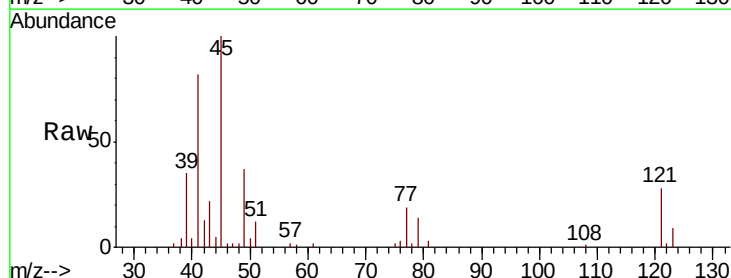
Tgt Ion: 45 Resp: 64663

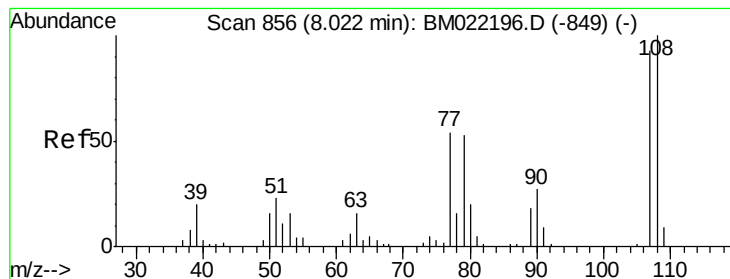
Ion Ratio Lower Upper

45 100

77 19.2 0.4 40.4

79 14.2 0.0 35.6

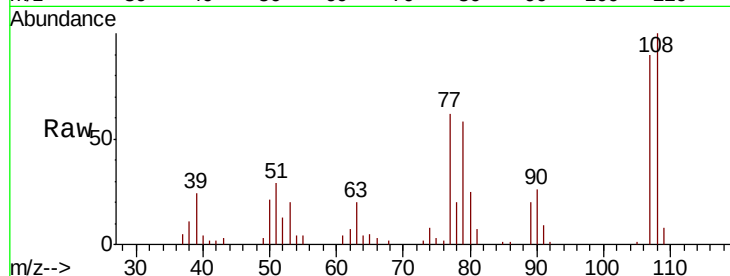




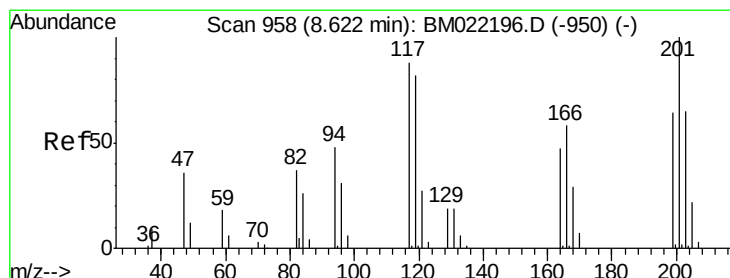
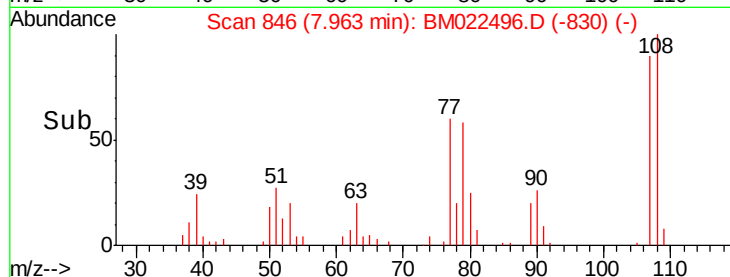
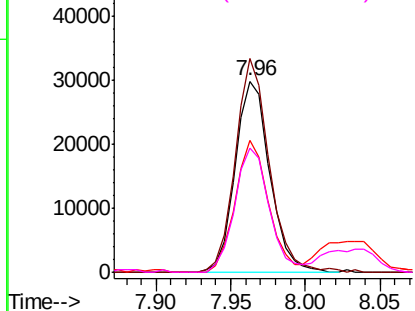
#17
2-Methylphenol
Concen: 46.254 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 48283
Ion Ratio Lower Upper
107 100
108 111.6 89.6 134.4
77 68.9 55.3 82.9
79 64.6 53.1 79.7

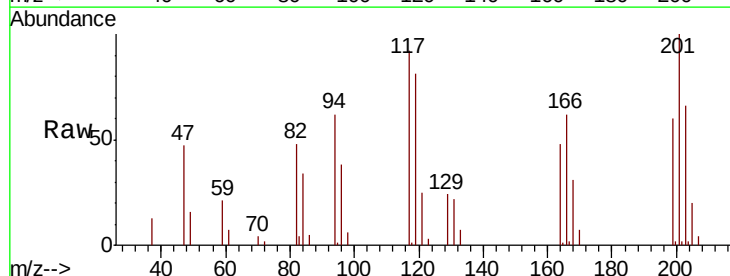


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

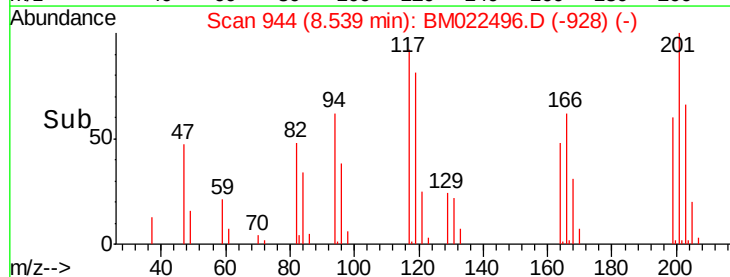
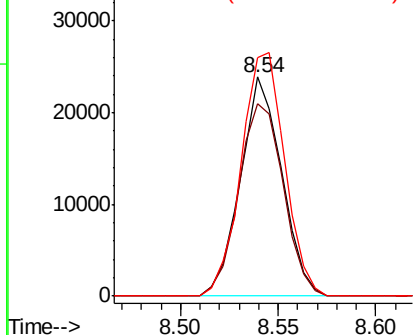


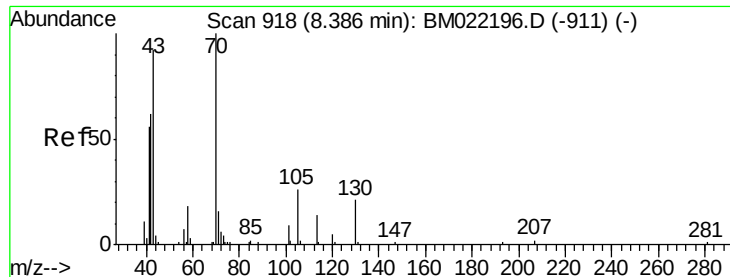
#18
Hexachloroethane
Concen: 49.968 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:117 Resp: 35028
Ion Ratio Lower Upper
117 100
119 88.0 77.4 116.0
201 109.2 99.6 149.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

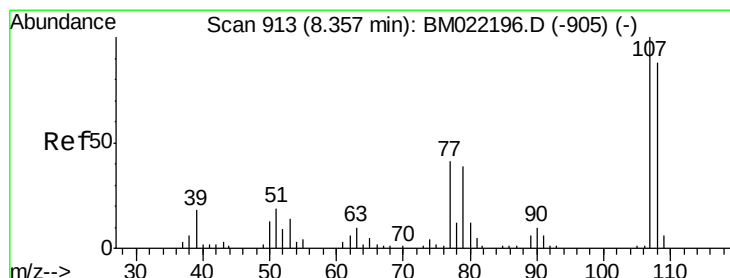
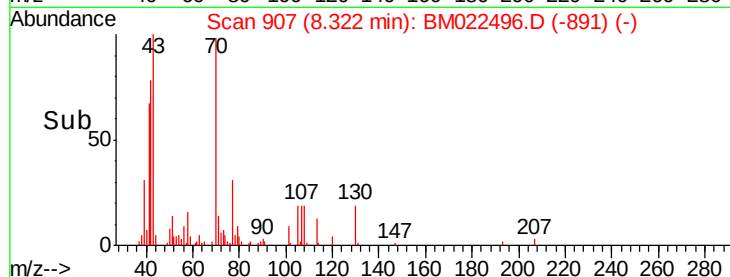
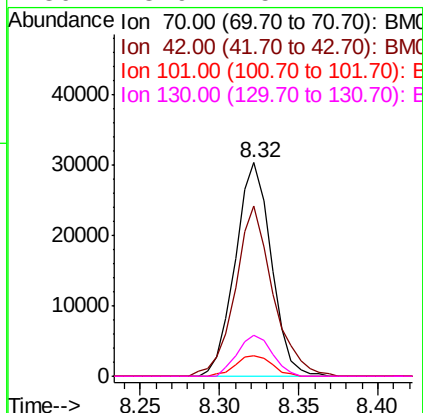
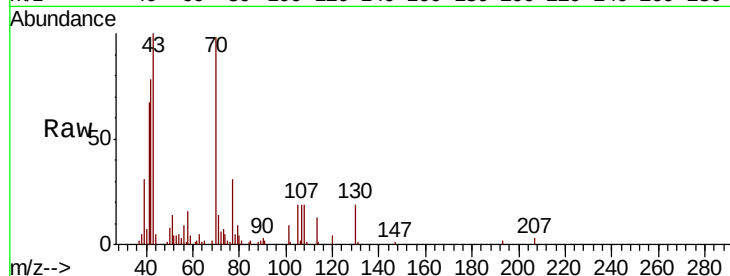




#19
n-Nitroso-di-n-propylamine
Concen: 43.080 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

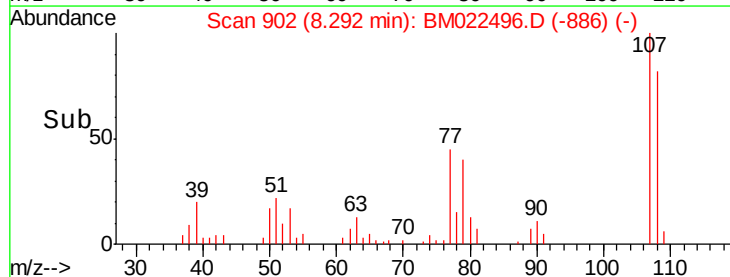
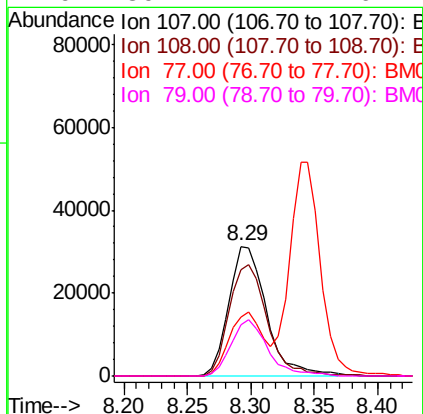
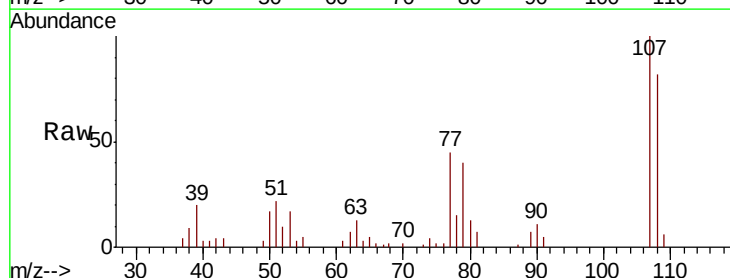
Instrument :
BNA_M
ClientSampleId :

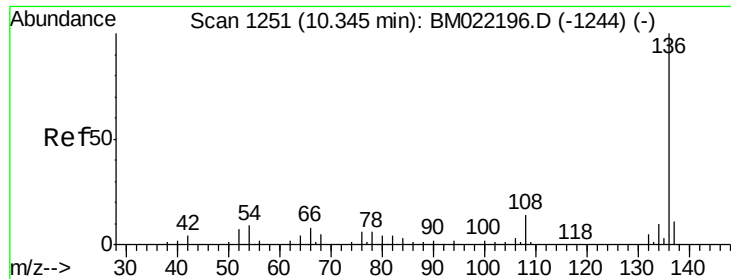
Tot Ion:	70	Resp:	47772
Ion	Ratio	Lower	Upper
70	100		
42	79.6	56.2	84.4
101	9.4	7.6	11.4
130	18.9	15.1	22.7



#20
3+4-Methylphenols
Concen: 45.217 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:	107	Resp:	64096
Ion	Ratio	Lower	Upper
107	100		
108	82.1	68.5	108.5
77	45.2	29.0	69.0
79	39.7	21.4	61.4

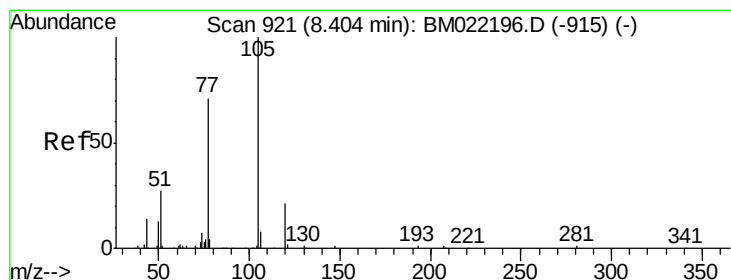
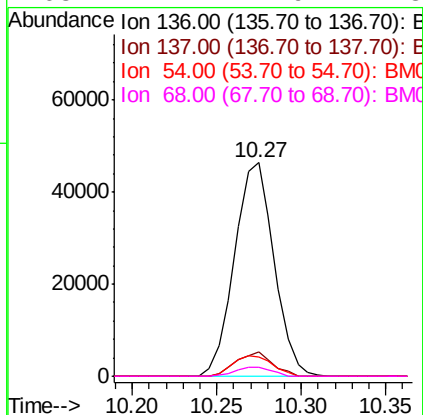
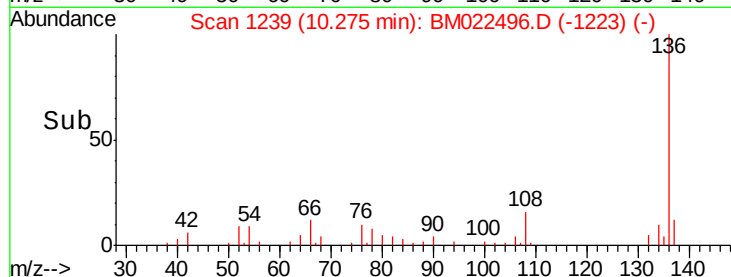
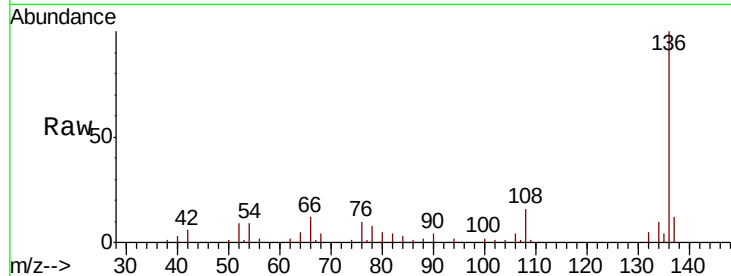




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

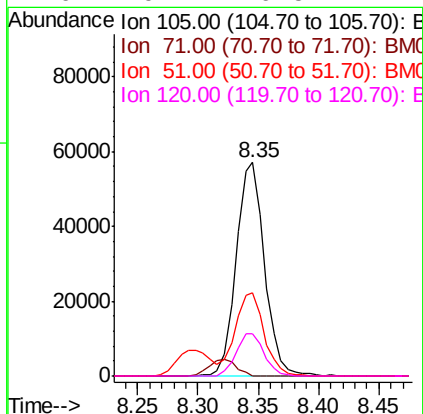
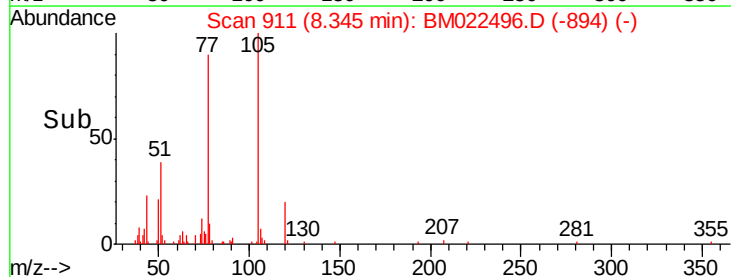
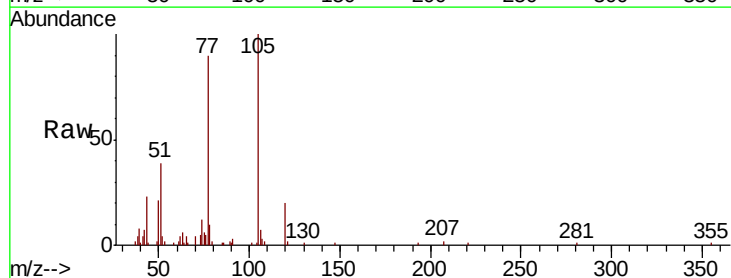
Instrument :
BNA_M
ClientSampleId :

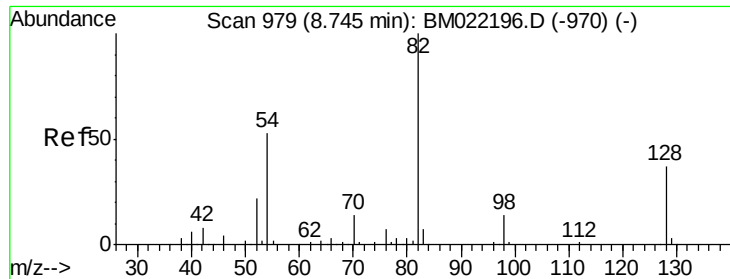
Tot Ion:136	Resp:	75661
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.6 13.0
54	9.0	7.0 10.6
68	4.1	2.9 4.3



#22
Acetophenone
Concen: 44.692 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:105	Resp:	93374
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.6 1.0#
51	38.9	30.6 46.0
120	19.7	16.5 24.7

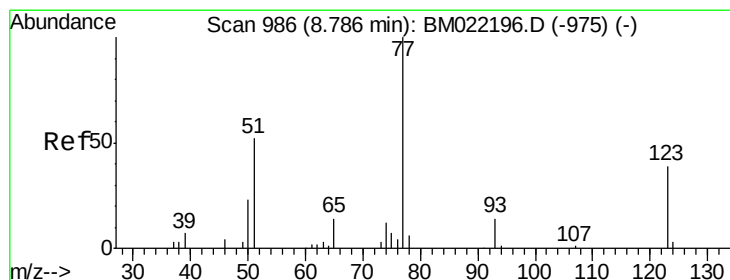
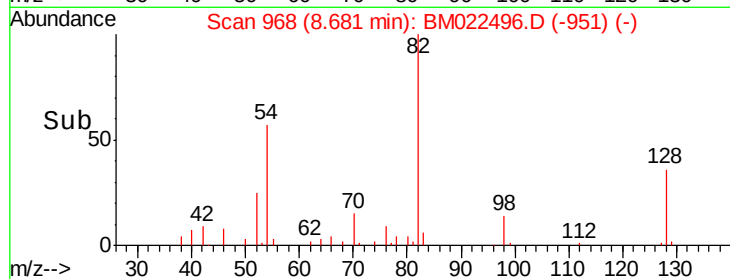
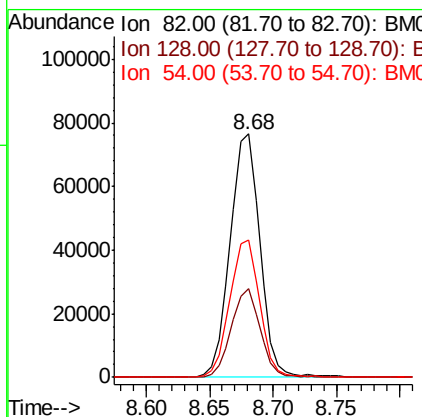
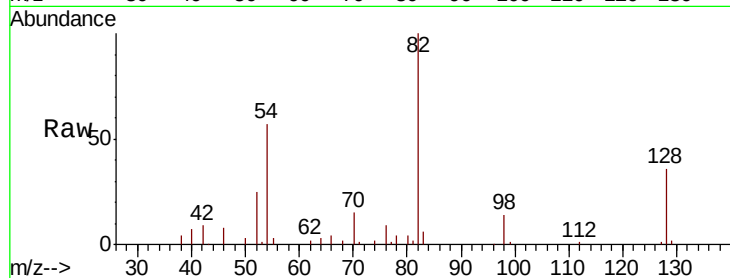




#23
 Nitrobenzene-d5
 Concen: 72.056 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

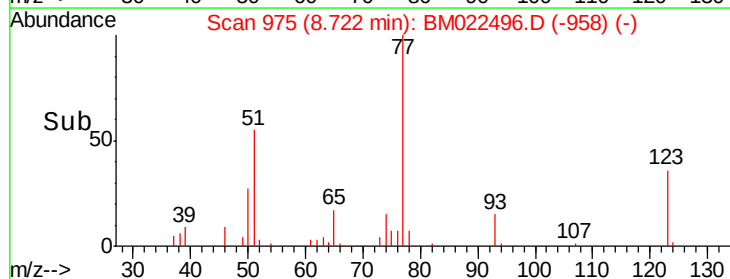
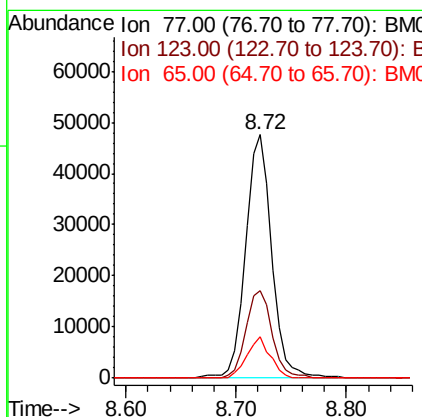
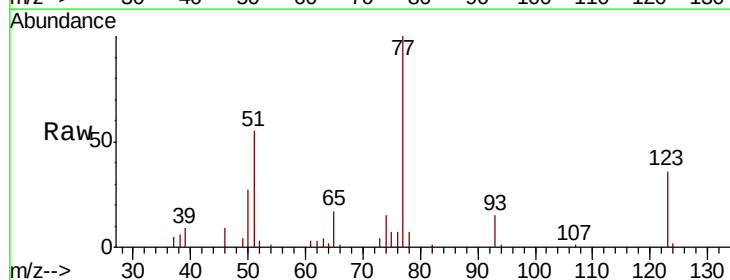
Instrument :
 BNA_M
 ClientSampled :

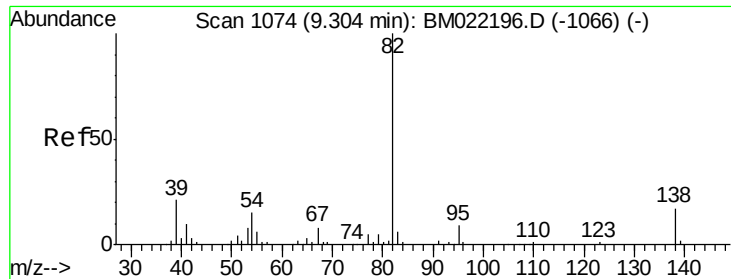
Tot Ion	82	Resp	124469
Ion Ratio	100	Lower	Upper
128	36.3	27.9	41.9
54	56.6	45.2	67.8



#24
 Nitrobenzene
 Concen: 47.616 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	77	Resp	79182
Ion Ratio	100	Lower	Upper
123	35.9	30.0	45.0
65	17.0	11.5	17.3

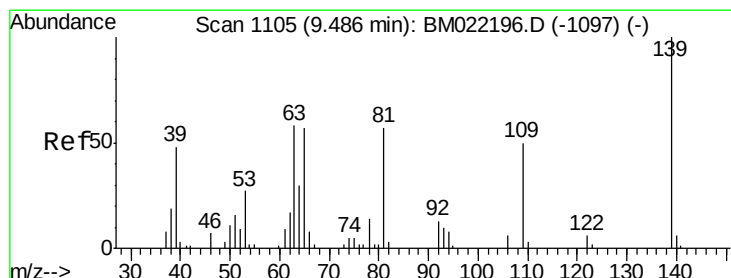
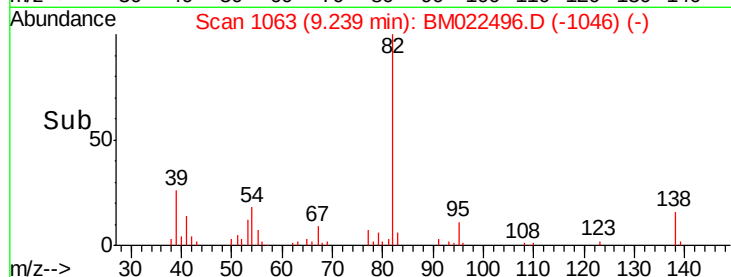
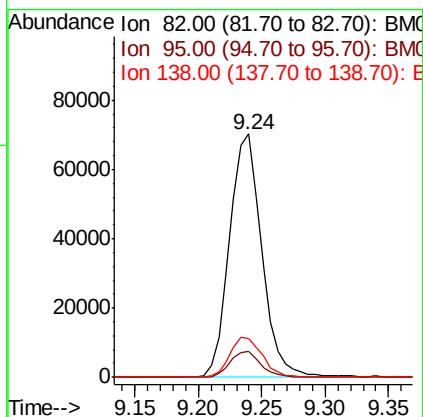
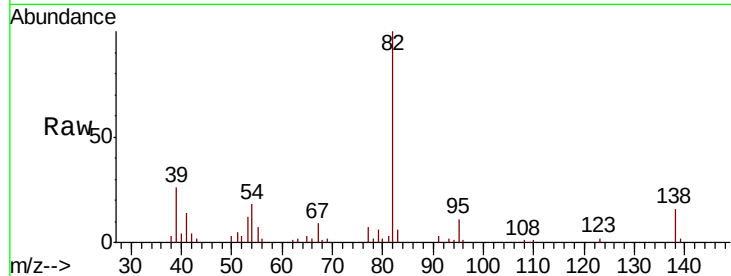




#25
Isophorone
Concen: 45.627 ng
RT: 9.24 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

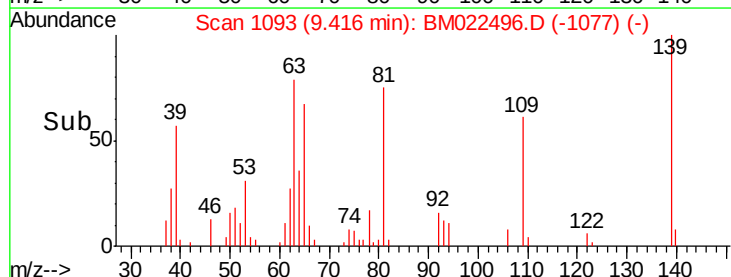
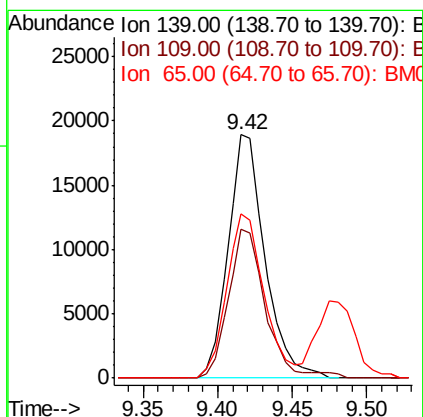
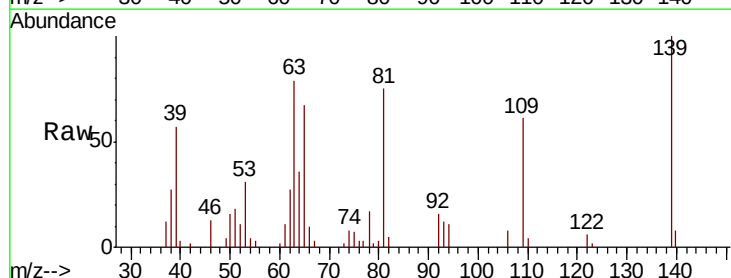
Instrument :
BNA_M
ClientSampleId :

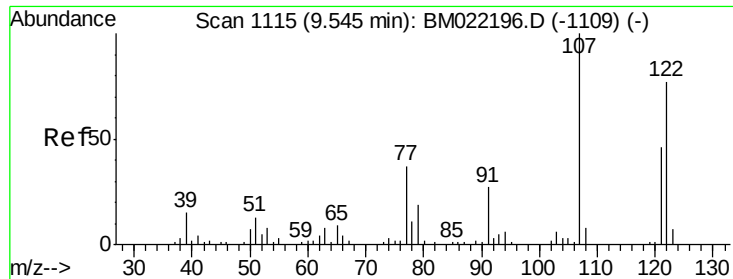
Tot Ion	82	Resp	123757
Ion Ratio	100	Lower	Upper
95	10.6	8.6	13.0
138	15.8	14.4	21.6



#26
2-Nitrophenol
Concen: 49.065 ng
RT: 9.42 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	139	Resp	32683
Ion Ratio	100	Lower	Upper
109	60.9	47.0	70.4
65	67.5	52.3	78.5

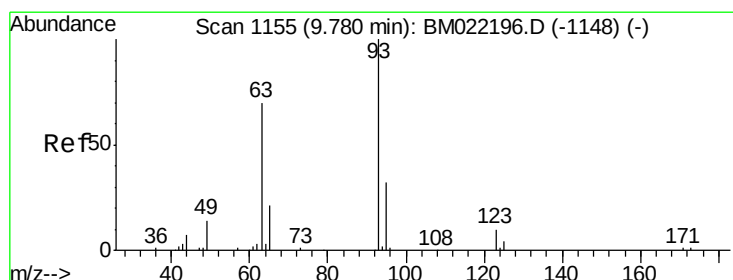
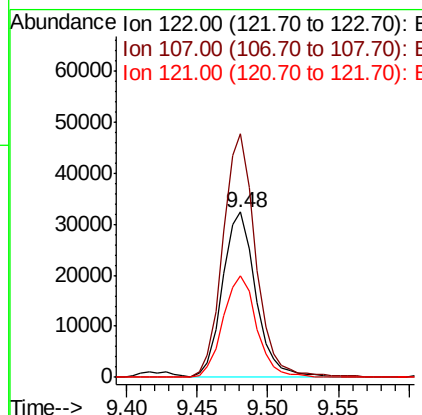
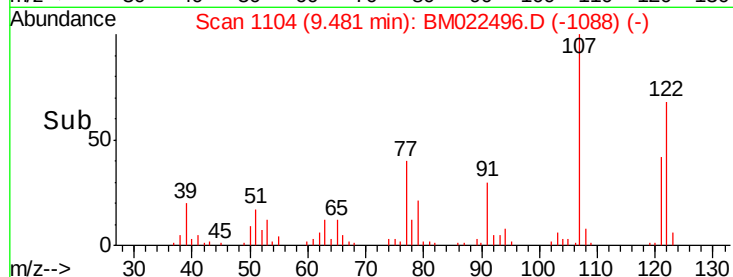
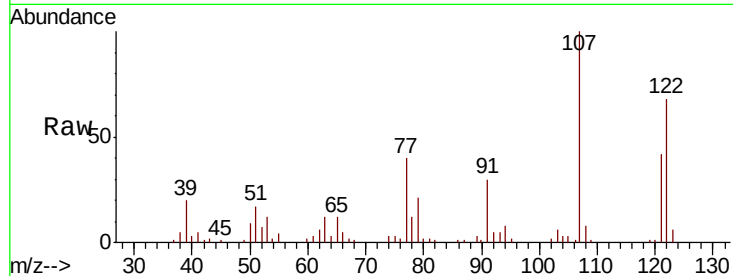




#27
 2,4-Dimethylphenol
 Concen: 53.661 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

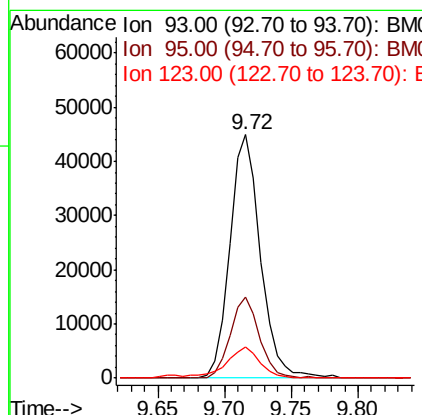
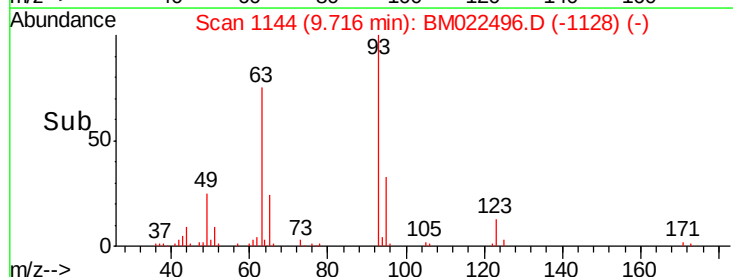
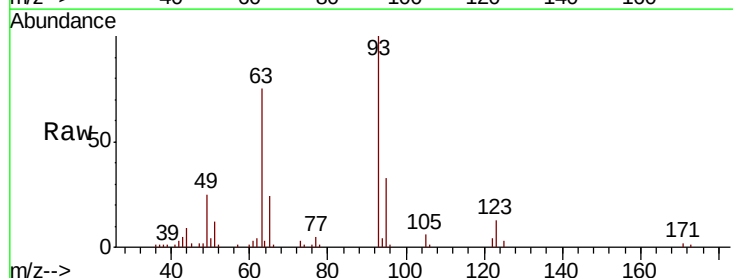
Instrument :
 BNA_M
 ClientSampleId :

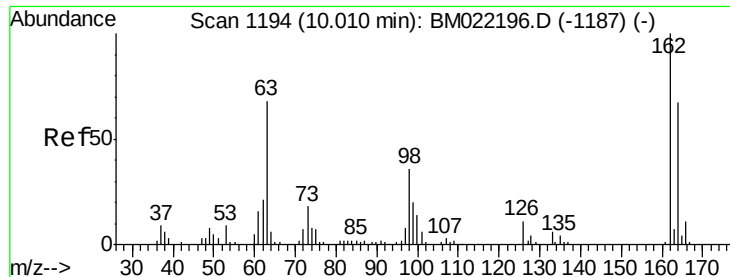
Tot Ion:122 Resp: 53319
 Ion Ratio Lower Upper
 122 100
 107 147.5 116.2 174.4
 121 61.3 49.1 73.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.838 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion: 93 Resp: 71939
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.5 41.3
 123 12.7 9.6 14.4

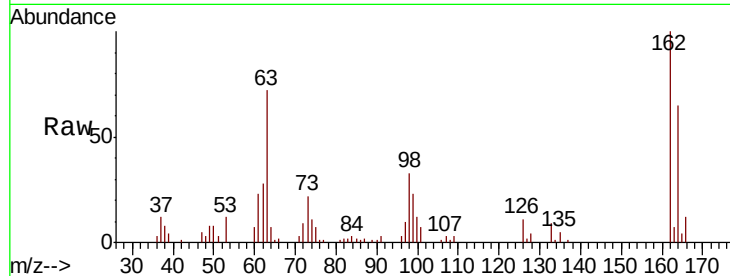




#29
 2,4-Dichlorophenol
 Concen: 45.533 ng
 RT: 9.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	51.2	91.2
98	32.6	14.1	54.1

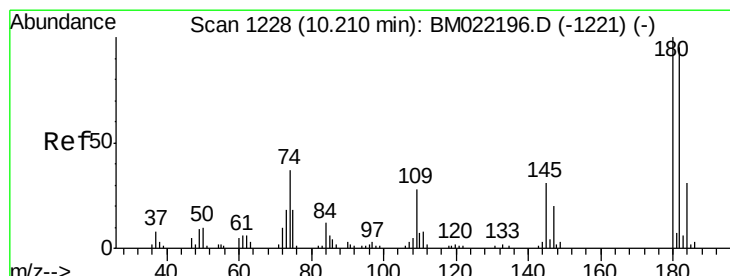
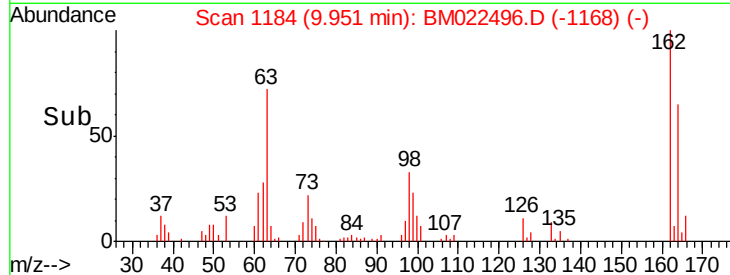
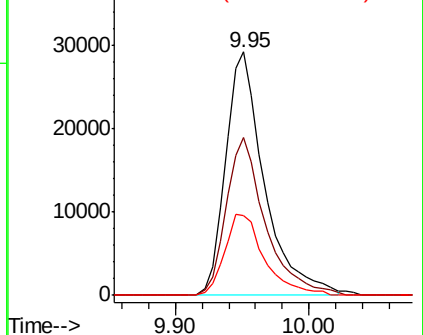


Abundance

Ion 162.00 (161.70 to 162.70): E

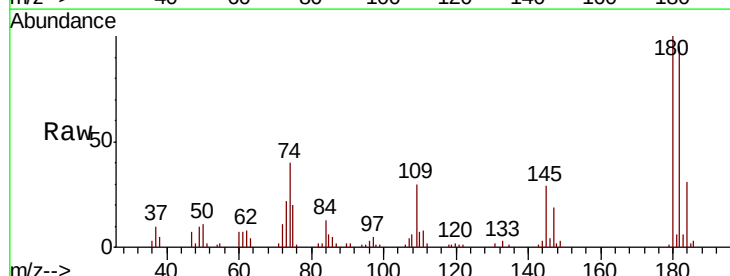
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.595 ng
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	29.1	23.0	34.6

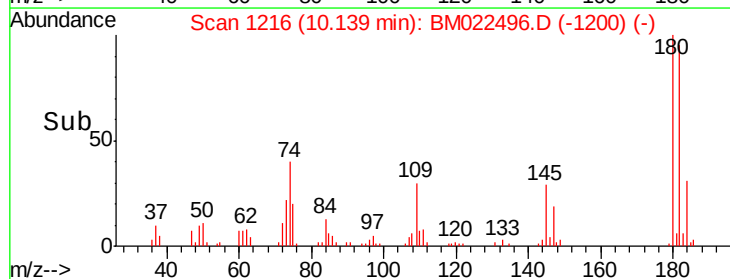
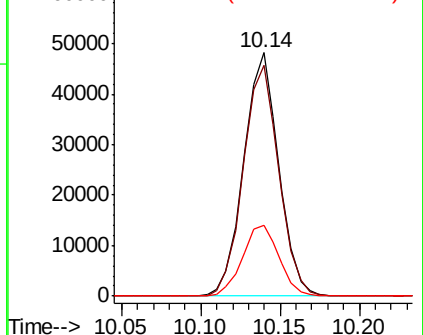


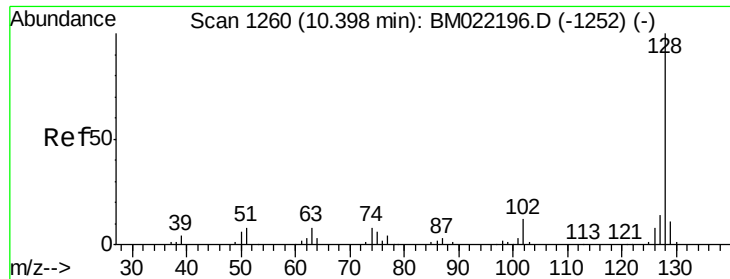
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

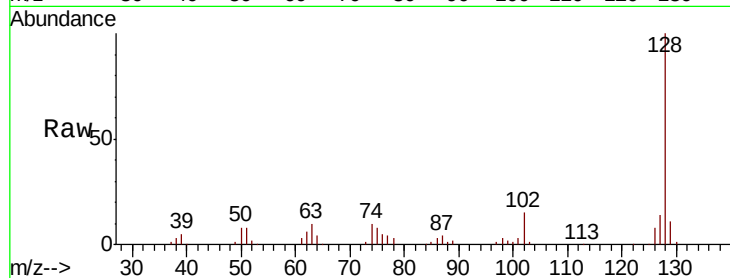




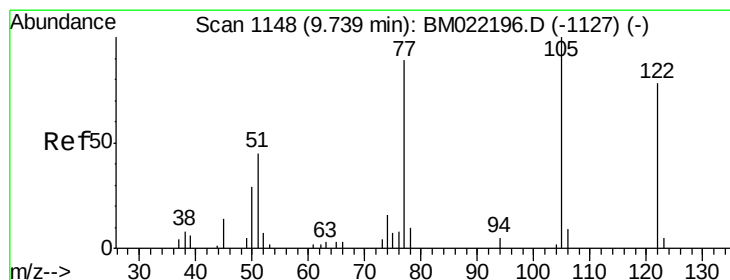
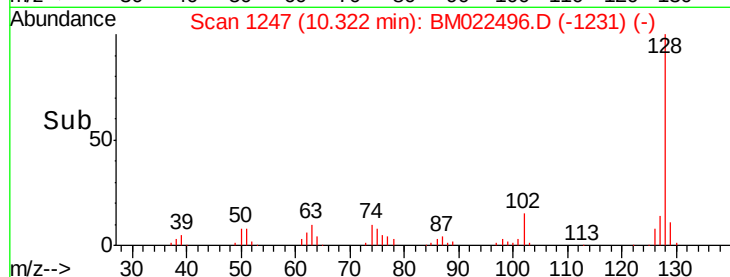
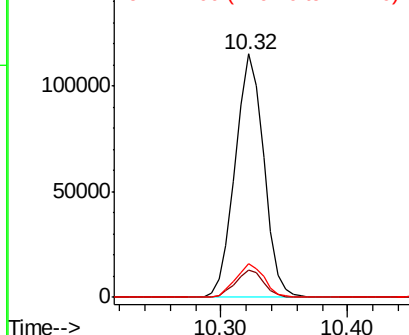
#31
Naphthalene
Concen: 45.891 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 180602
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.9 11.0 16.4

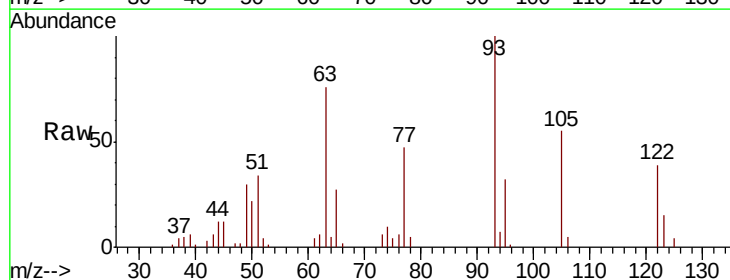


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

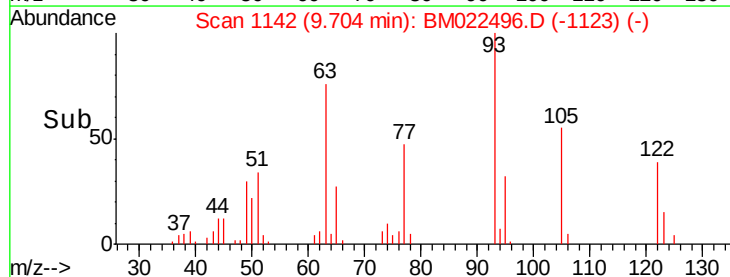
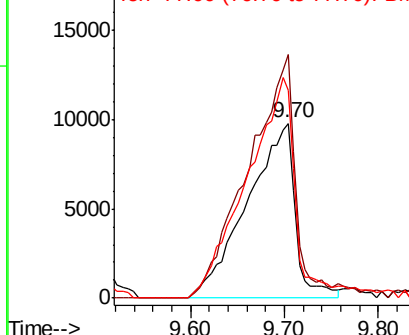


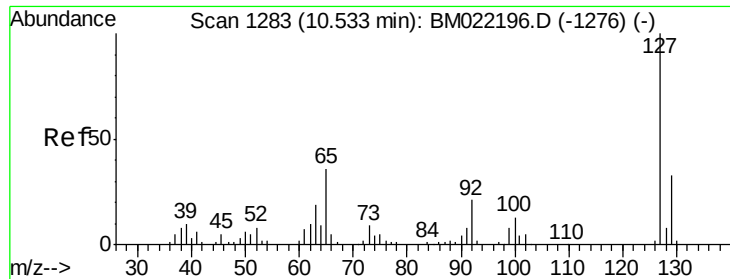
#32
Benzoic acid
Concen: 44.554 ng
RT: 9.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:122 Resp: 34869
Ion Ratio Lower Upper
122 100
105 139.1 109.3 149.3
77 119.1 105.5 145.5



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

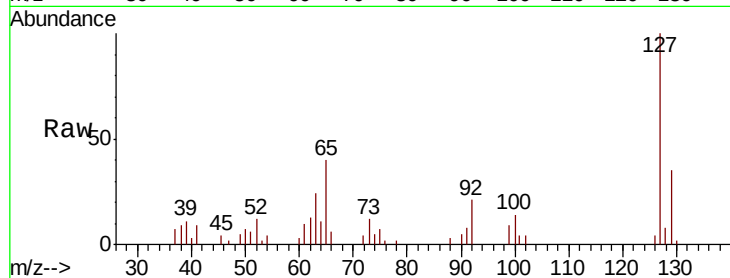




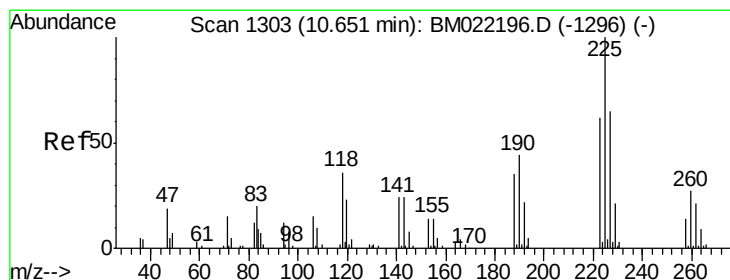
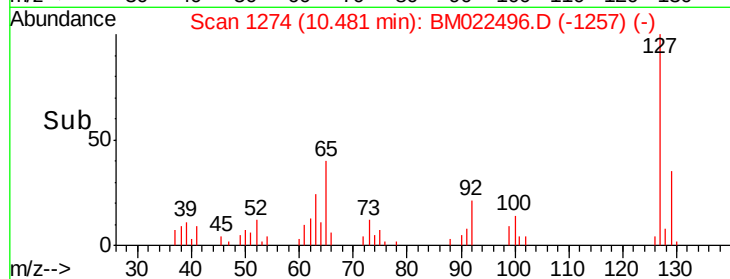
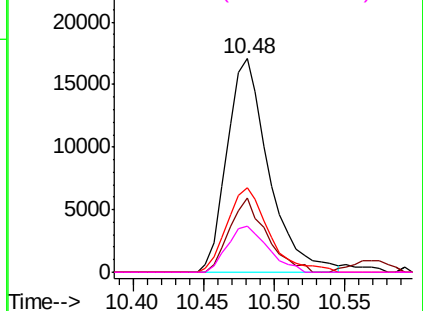
#33
4-Chloroaniline
Concen: 20.804 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	35227
Ion	Ratio	Lower	Upper
127	100		
129	34.7	24.2	36.2
65	39.6	31.0	46.4
92	21.5	16.4	24.6

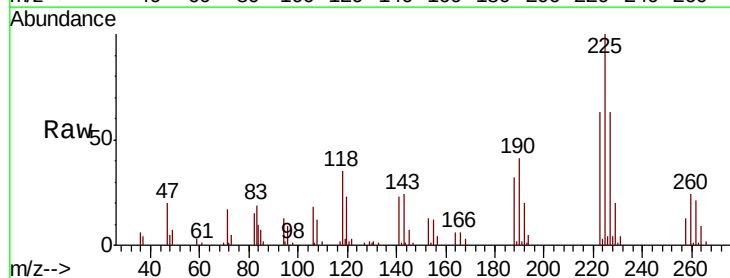


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

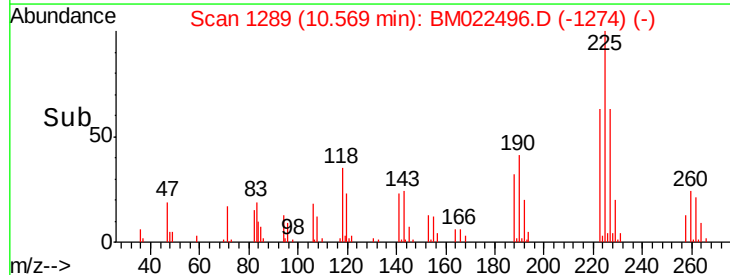
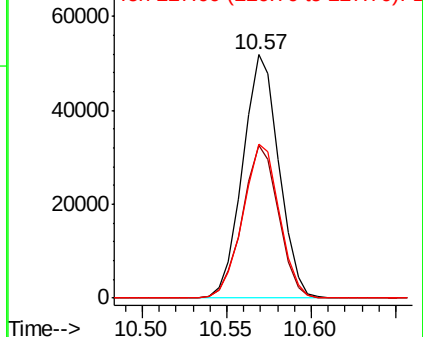


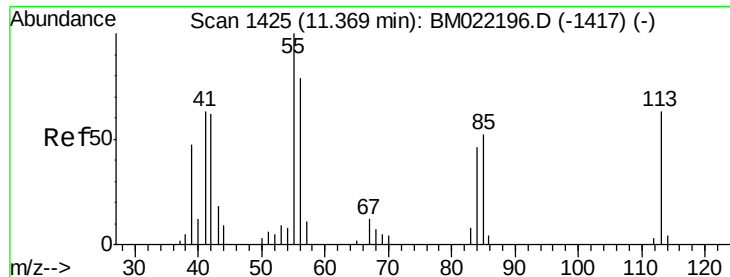
#34
Hexachlorobutadiene
Concen: 47.524 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:	225	Resp:	77600
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.3	73.9
227	63.4	52.6	79.0



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

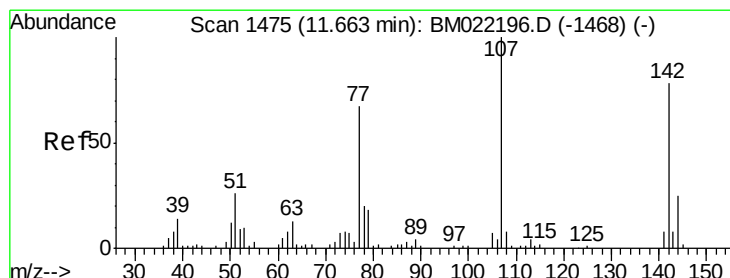
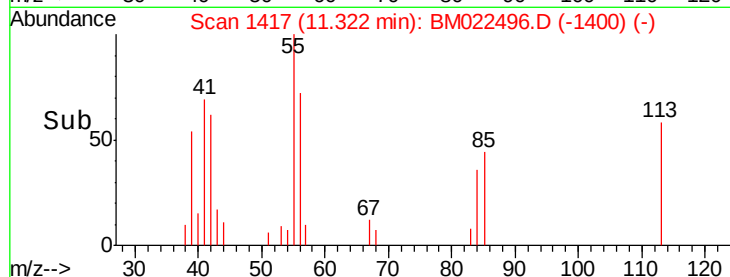
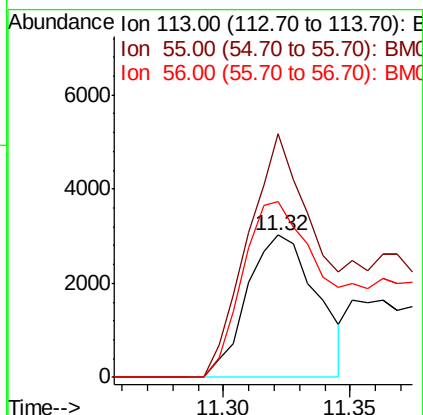
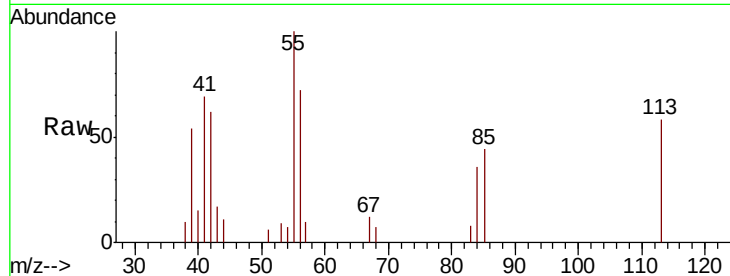




#35
Caprolactam
Concen: 17.553 ng
RT: 11.32 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

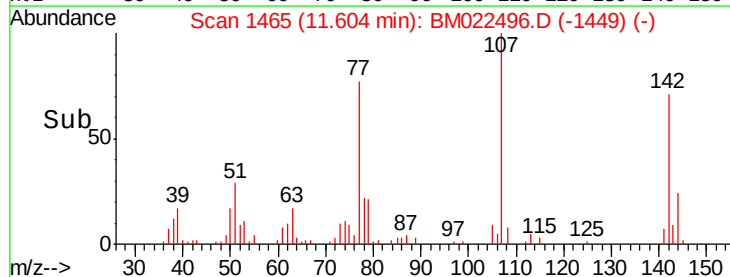
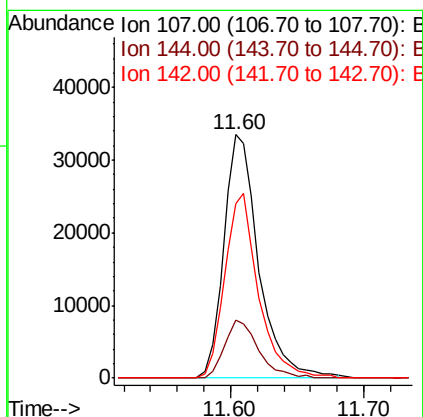
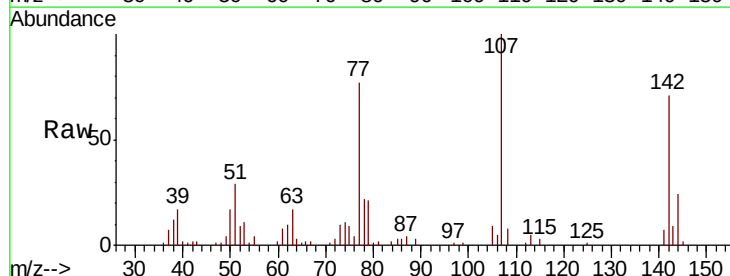
Instrument :
BNA_M
ClientSampled :

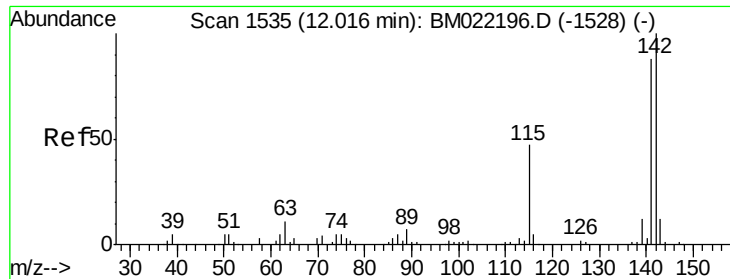
Tot Ion:113 Resp: 5800
Ion Ratio Lower Upper
113 100
55 171.4 140.0 180.0
56 123.9 117.6 157.6



#36
4-Chloro-3-methylphenol
Concen: 44.764 ng
RT: 11.60 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:107 Resp: 61337
Ion Ratio Lower Upper
107 100
144 23.9 19.8 29.6
142 71.4 63.1 94.7

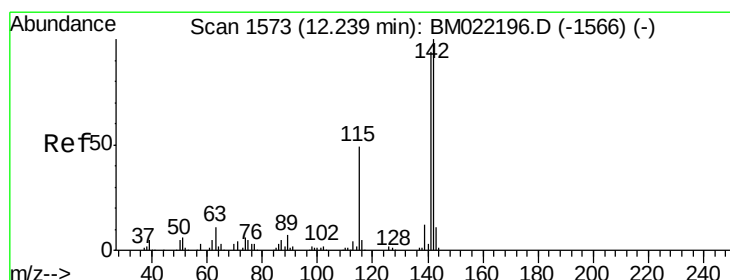
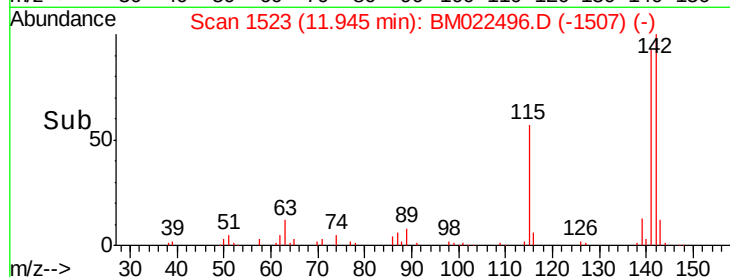
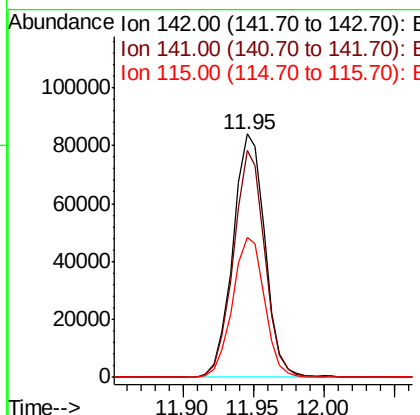
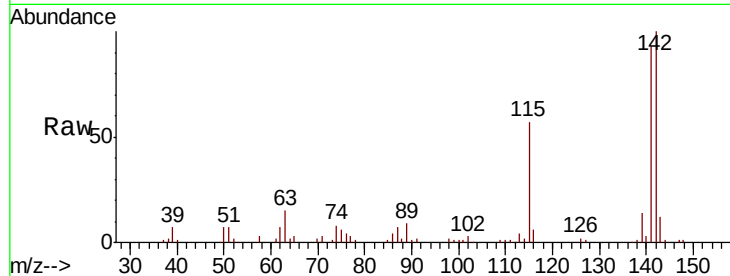




#37
 2-Methylnaphthalene
 Concen: 44.378 ng
 RT: 11.95 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

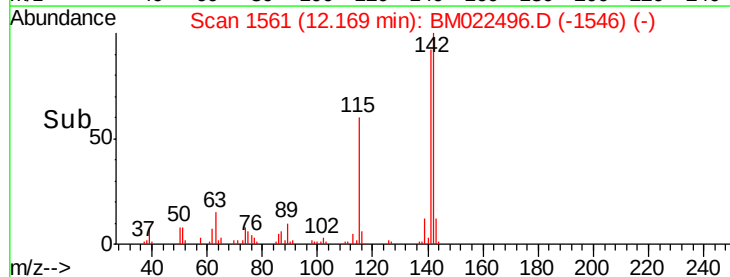
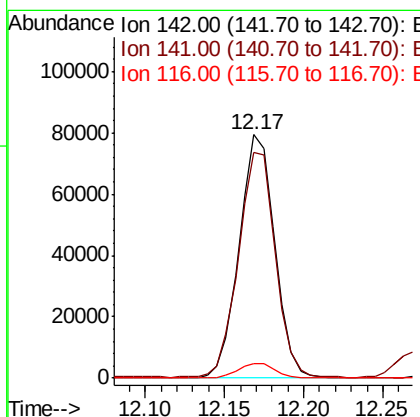
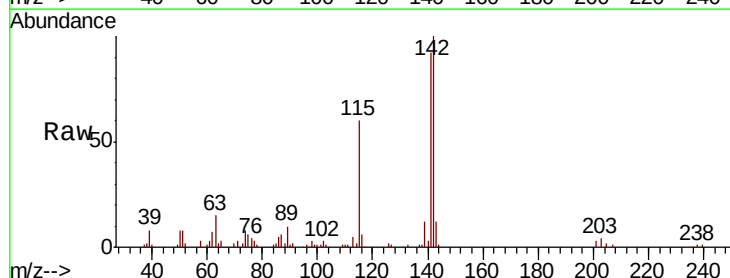
Instrument :
 BNA_M
 ClientSampleId :

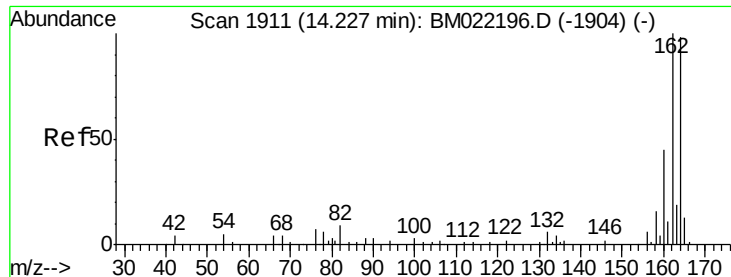
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.2	108.2
115	57.4	43.2	64.8



#38
 1-Methylnaphthalene
 Concen: 42.928 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	77.3	115.9
116	6.1	4.9	7.3

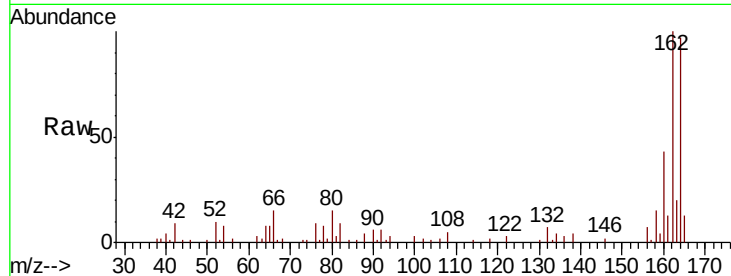




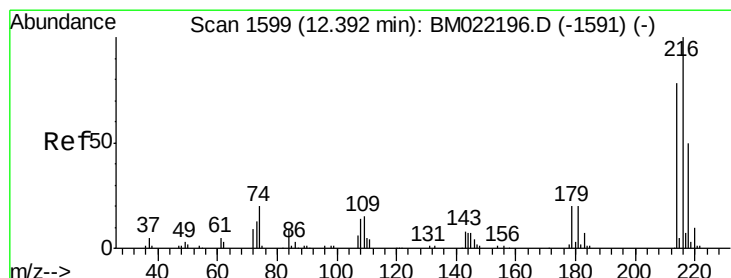
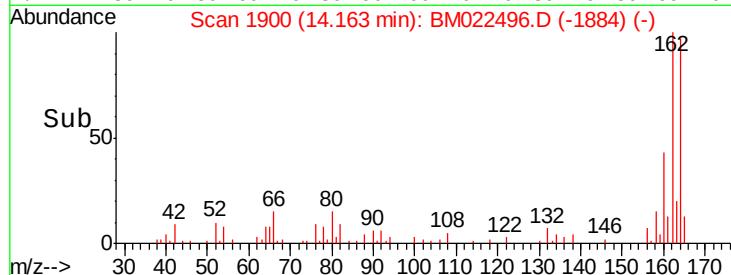
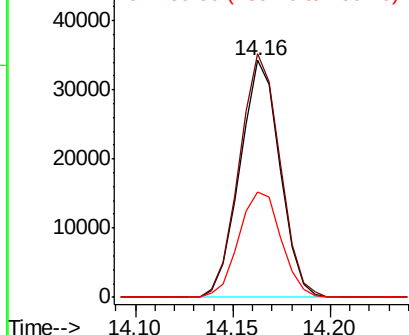
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 48488
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 44.3 37.3 55.9



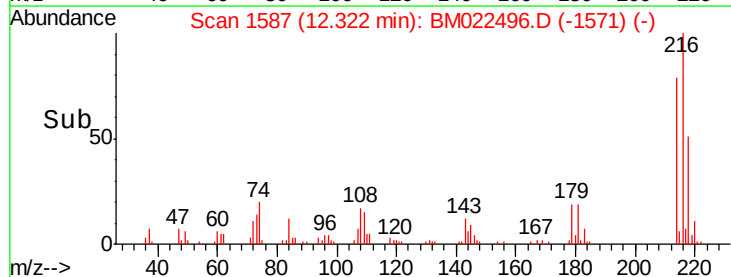
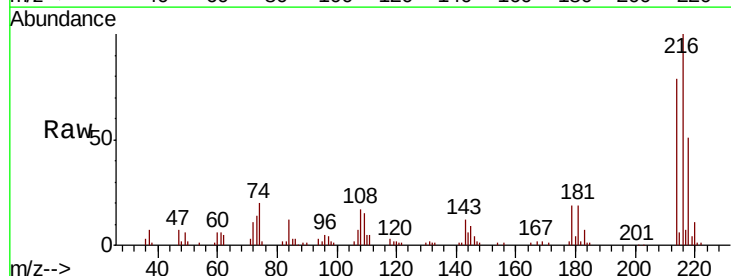
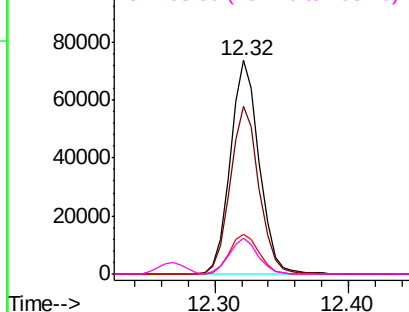
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

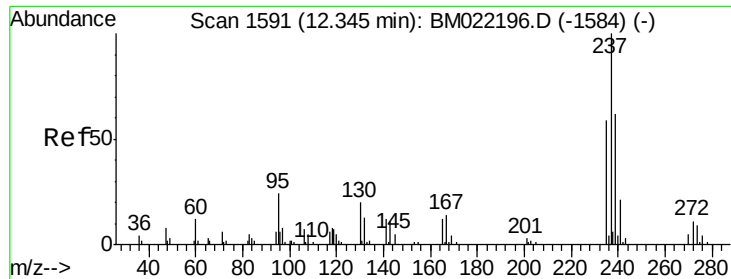


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.100 ng
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:216 Resp: 110687
 Ion Ratio Lower Upper
 216 100
 214 78.4 61.0 91.4
 179 19.1 15.2 22.8
 108 16.5 12.9 19.3

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: 108.436 ng

RT: 12.27 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

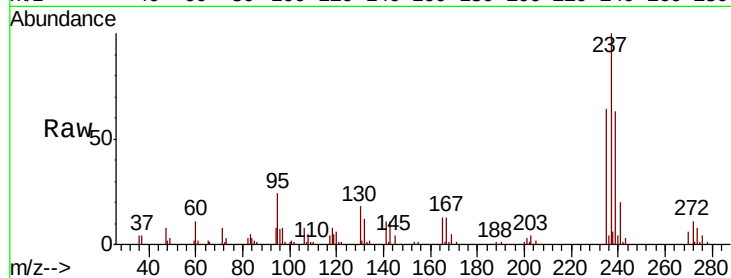
Tot Ion:237 Resp: 106517

Ion	Ratio	Lower	Upper
237	100		
235	63.8	40.5	80.5
272	10.7	0.0	30.8

237 100

235 63.8 40.5 80.5

272 10.7 0.0 30.8

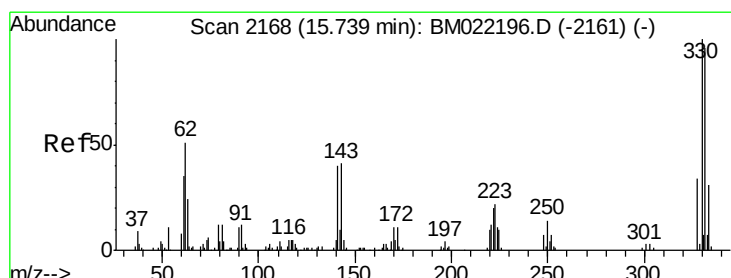
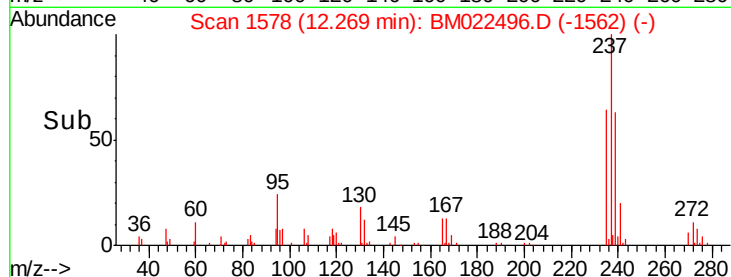
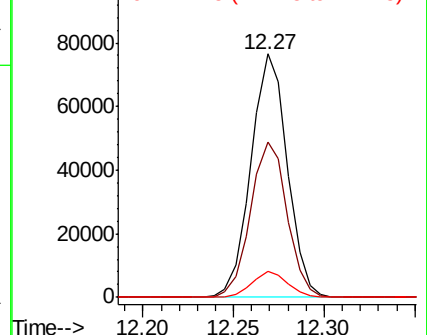


Abundance

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: 101.363 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

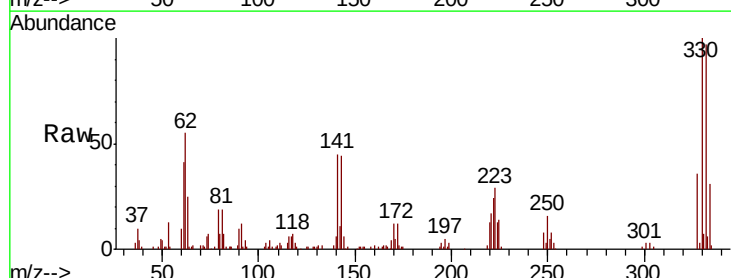
Tgt Ion:330 Resp: 100572

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.8
141	48.7	35.6	53.4

330 100

332 96.7 77.8 116.8

141 48.7 35.6 53.4

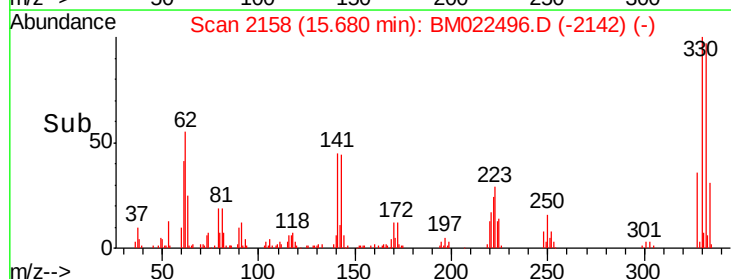
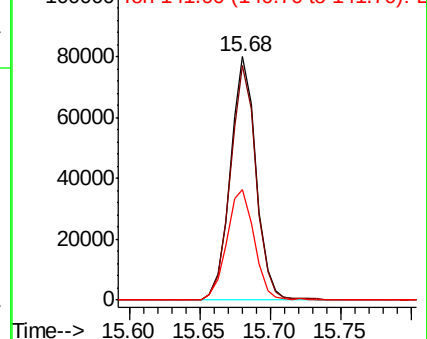


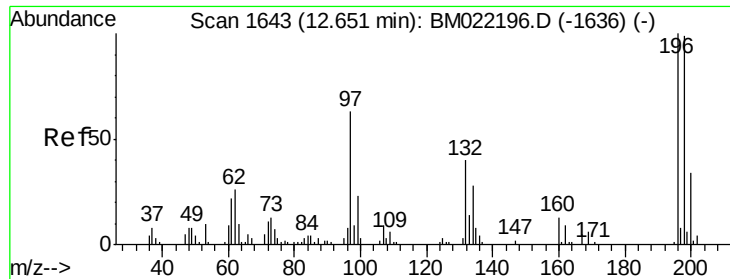
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

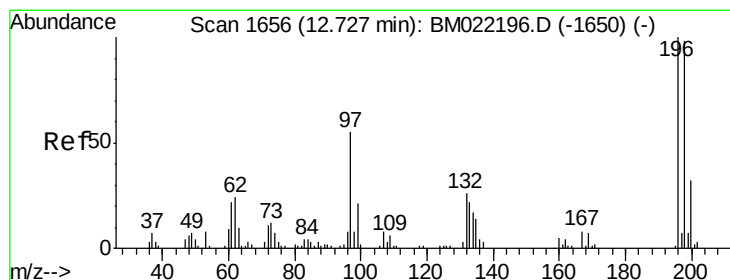
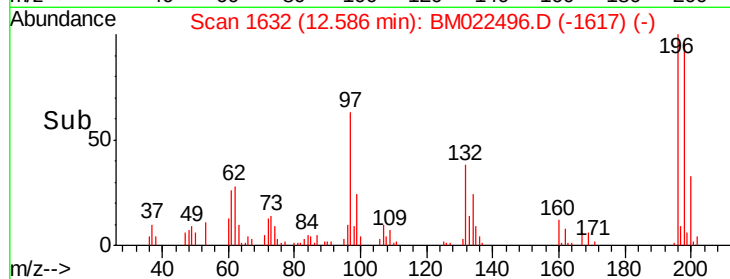
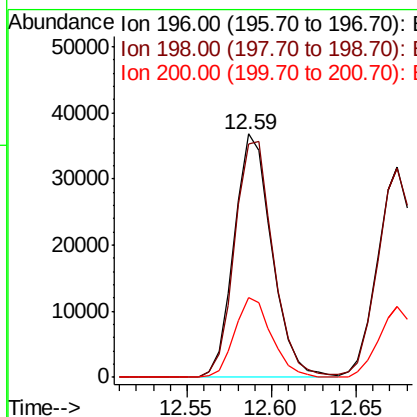
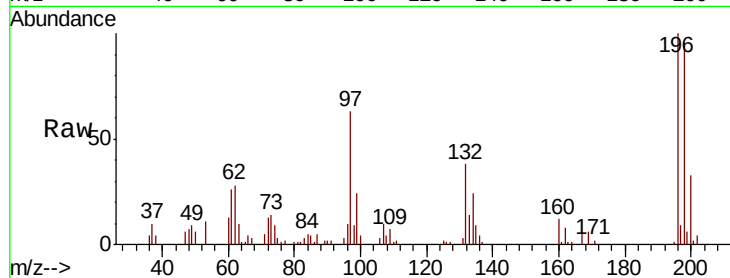




#43
 2,4,6-Trichlorophenol
 Concen: 46.242 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

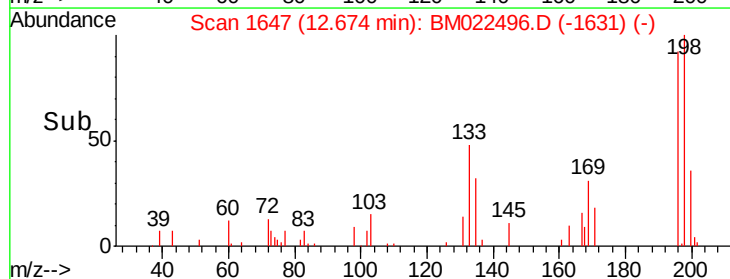
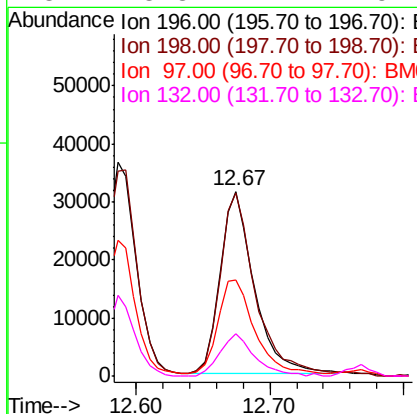
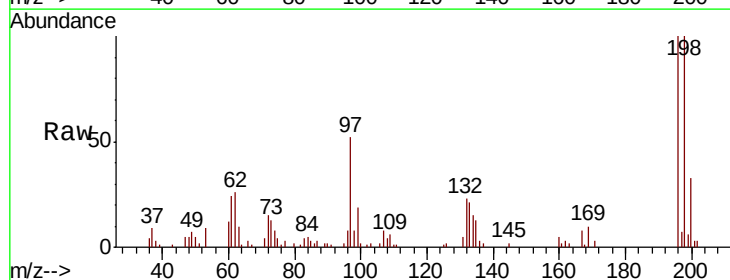
Instrument :
 BNA_M
 ClientSampled :

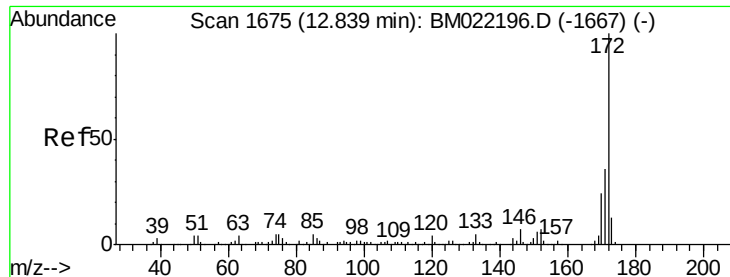
Tot Ion:196 Resp: 57437
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.6
 200 32.6 26.3 39.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.068 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:196 Resp: 56739
 Ion Ratio Lower Upper
 196 100
 198 99.6 76.6 115.0
 97 52.2 41.7 62.5
 132 23.3 17.1 25.7

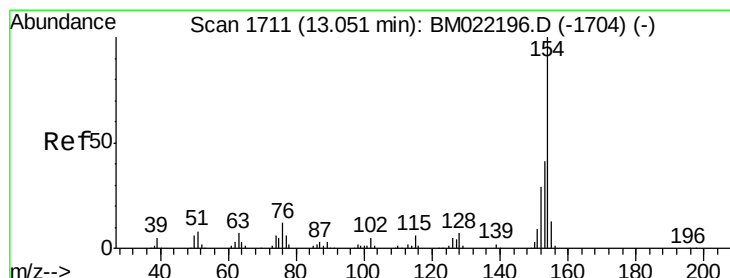
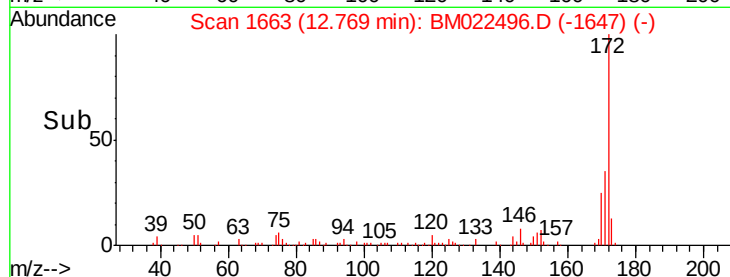
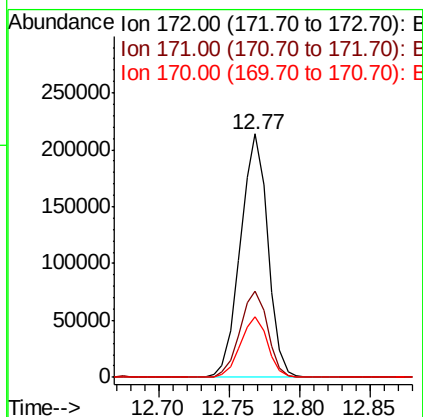
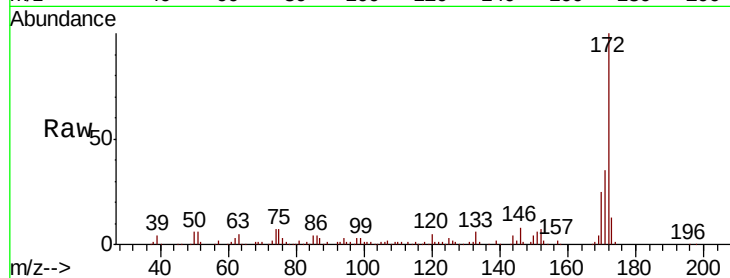




#45
2-Fluorobiphenyl
Concen: 67.821 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

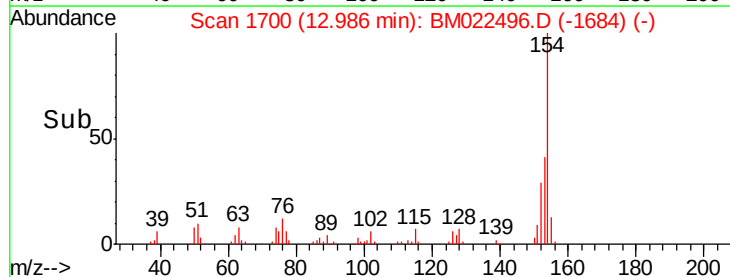
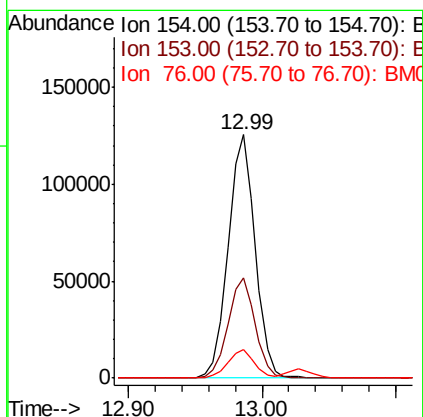
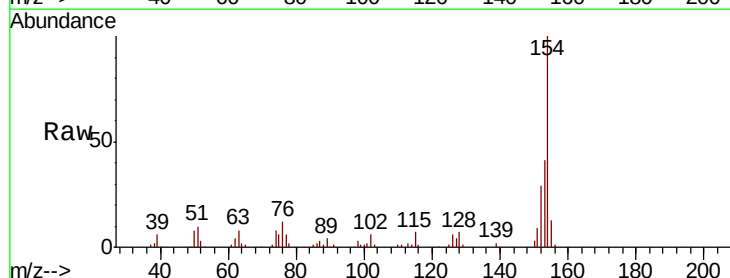
Instrument :
BNA_M
ClientSampled :

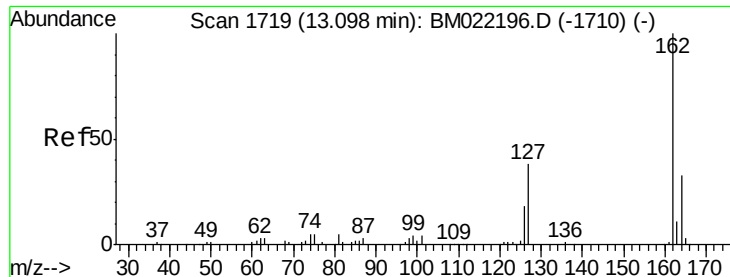
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.8	18.9	28.3



#46
1,1'-Biphenyl
Concen: 44.829 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.6	0.0	30.9

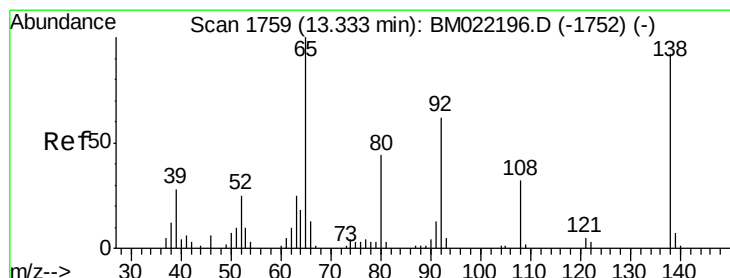
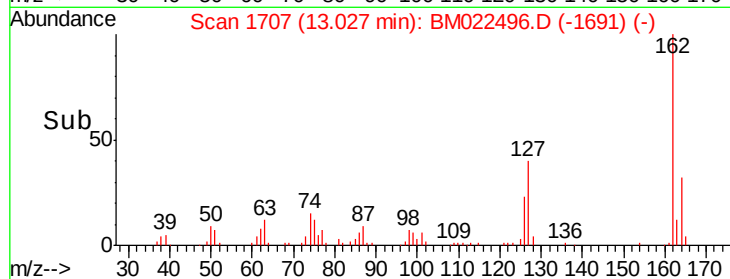
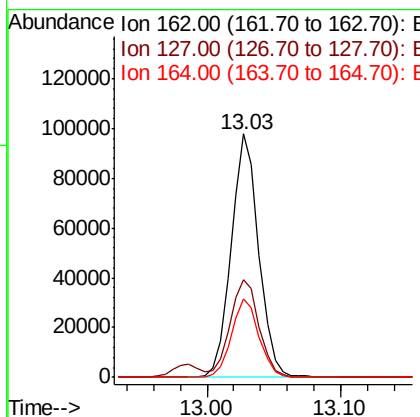
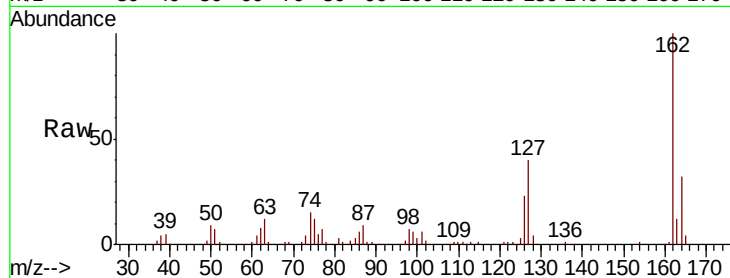




#47
 2-Chloronaphthalene
 Concen: 44.501 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

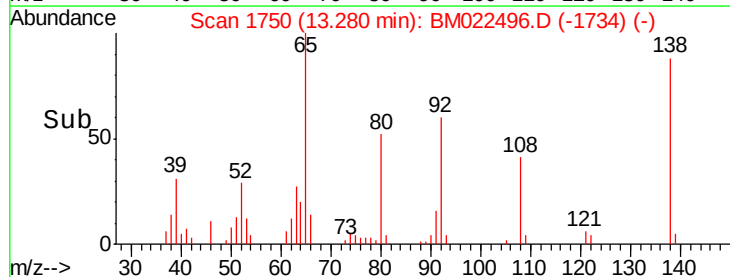
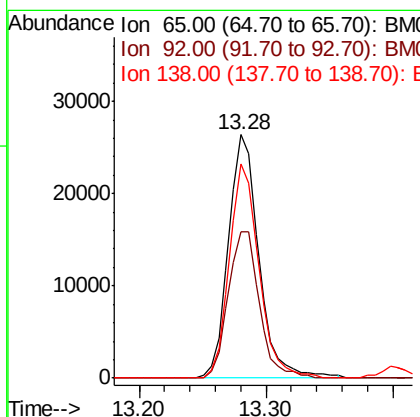
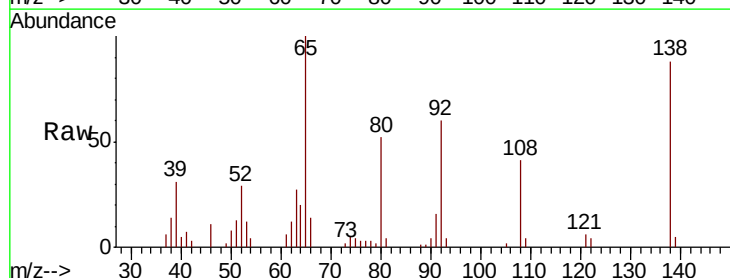
Instrument :
 BNA_M
 ClientSampleId :

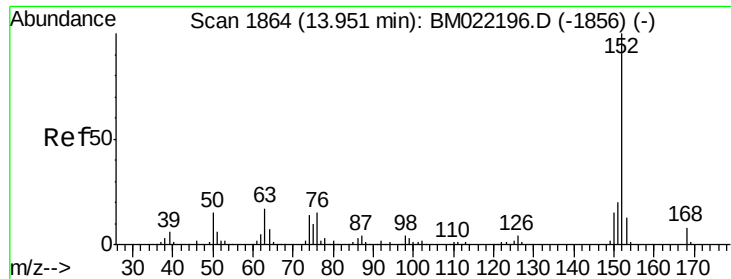
Tot Ion:162 Resp: 139993
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.6 49.0
 164 32.2 26.2 39.4



#48
 2-Nitroaniline
 Concen: 43.209 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion: 65 Resp: 43779
 Ion Ratio Lower Upper
 65 100
 92 60.1 49.1 73.7
 138 88.1 70.4 105.6





#49

Acenaphthylene

Concen: 45.415 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

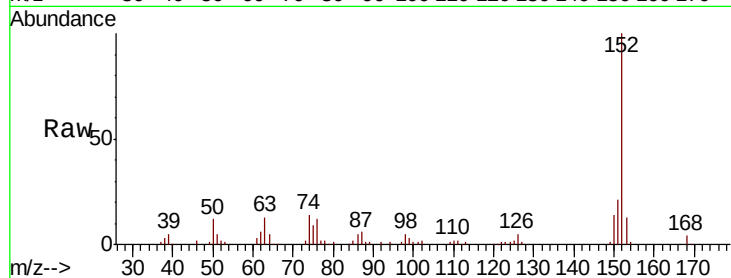
Tot Ion:152 Resp: 215626

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

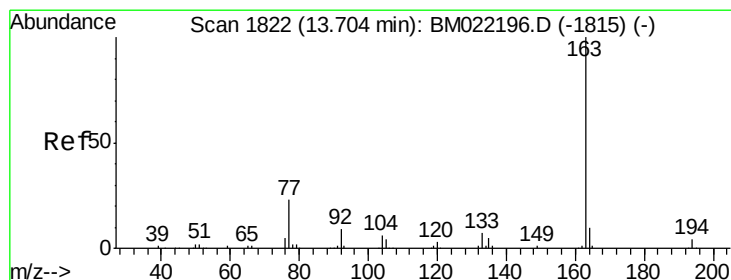
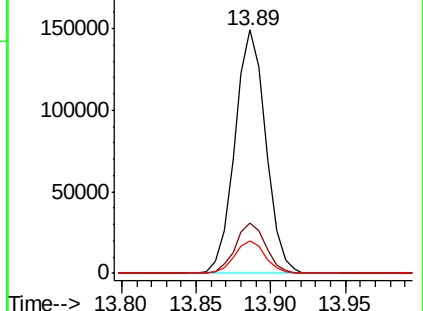
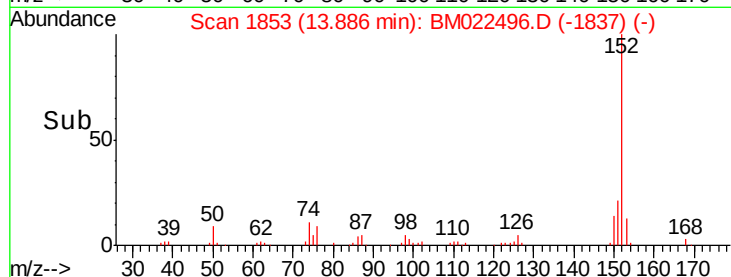
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.013 ng

RT: 13.65 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

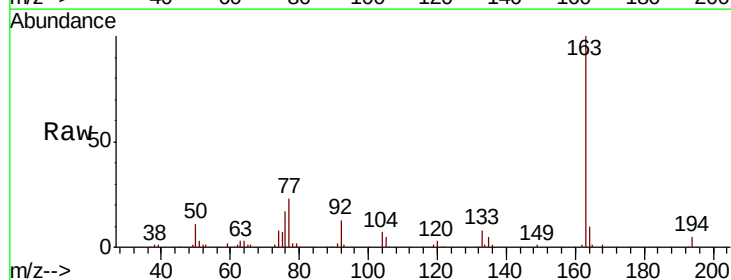
Tgt Ion:163 Resp: 177179

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

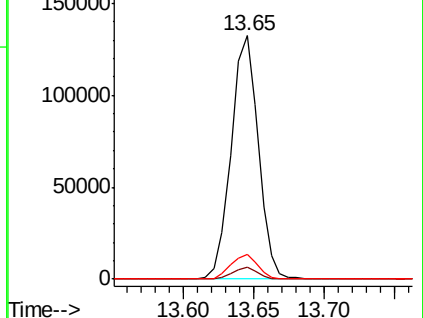
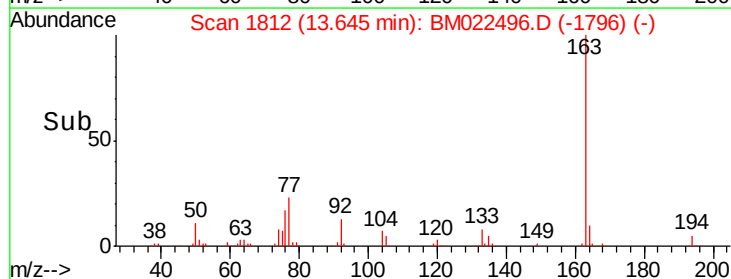
164 9.9 8.2 12.2

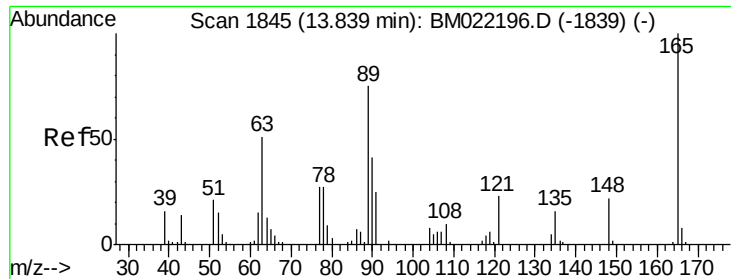


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

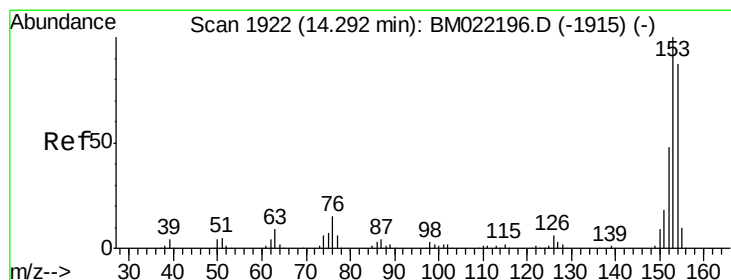
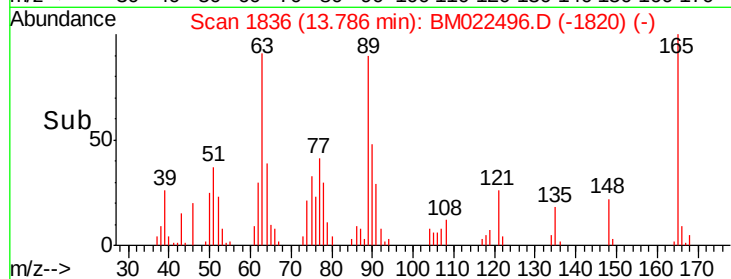
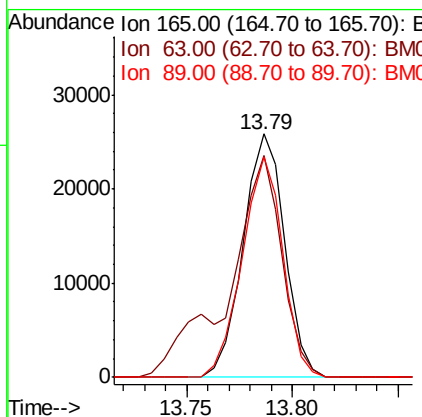
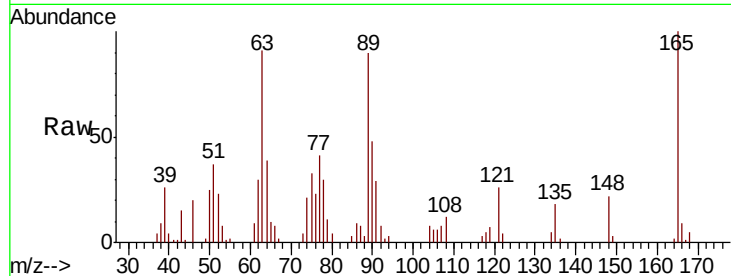




#51
 2,6-Dinitrotoluene
 Concen: 42.491 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

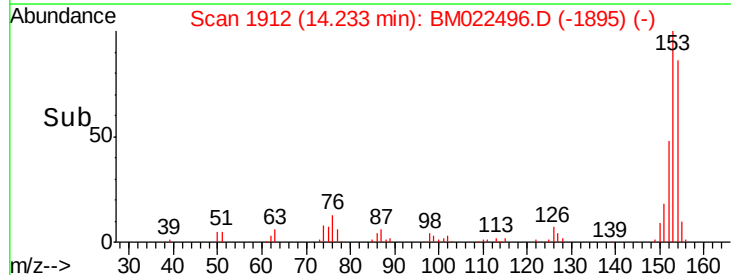
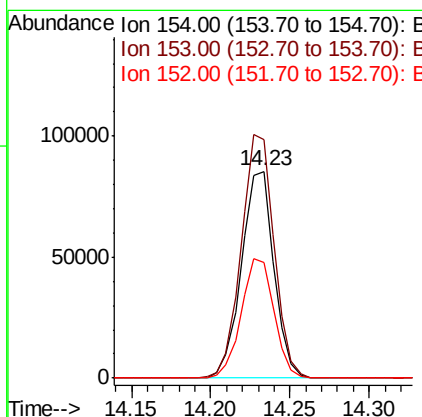
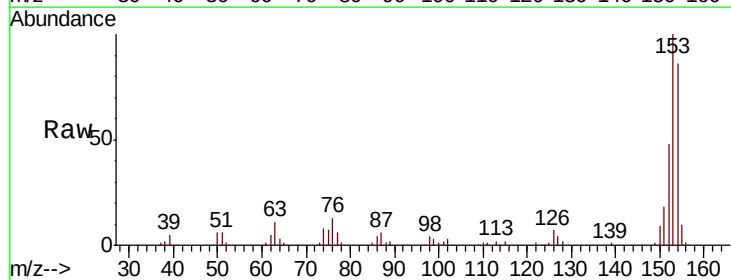
Instrument :
 BNA_M
 ClientSampleId :

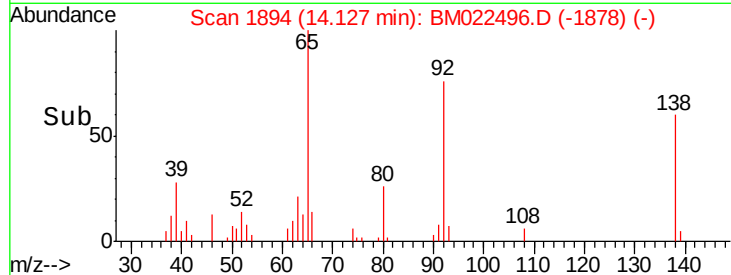
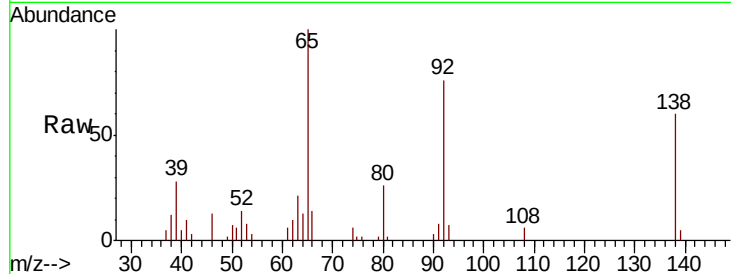
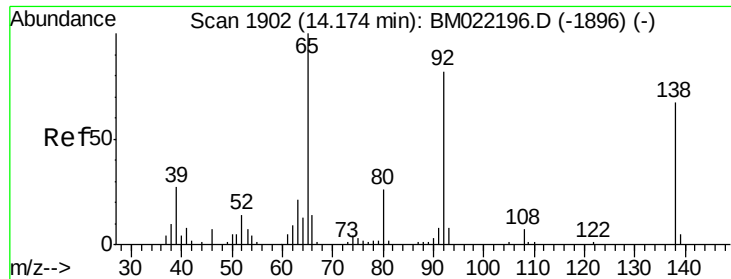
Tot Ion:165 Resp: 35201
 Ion Ratio Lower Upper
 165 100
 63 91.3 65.4 98.2
 89 90.5 69.0 103.6



#52
 Acenaphthene
 Concen: 42.762 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:154 Resp: 121766
 Ion Ratio Lower Upper
 154 100
 153 115.6 94.3 141.5
 152 55.8 45.4 68.2





#53

3-Nitroaniline

Concen: 25.274 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

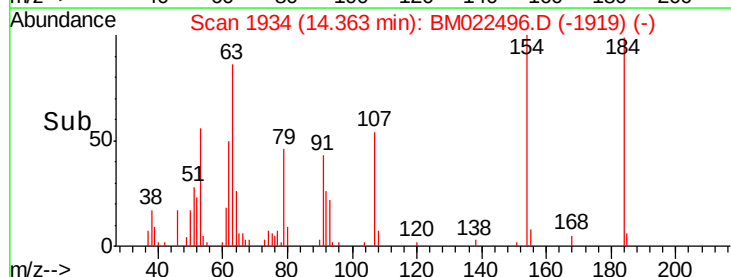
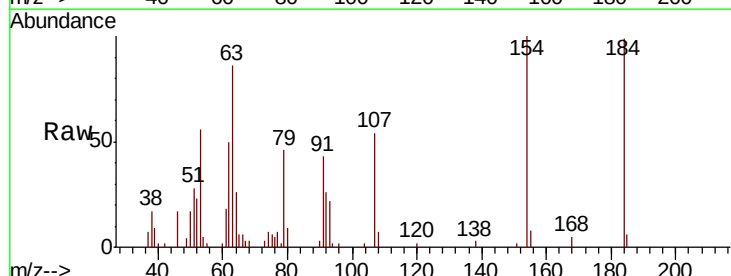
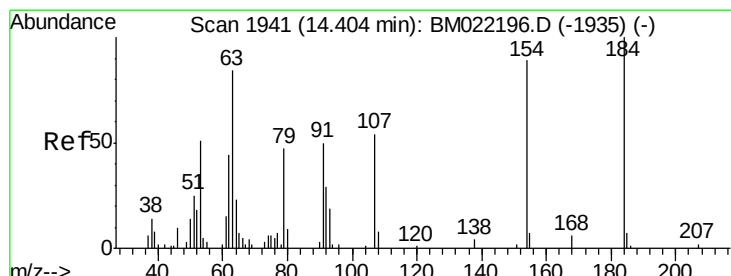
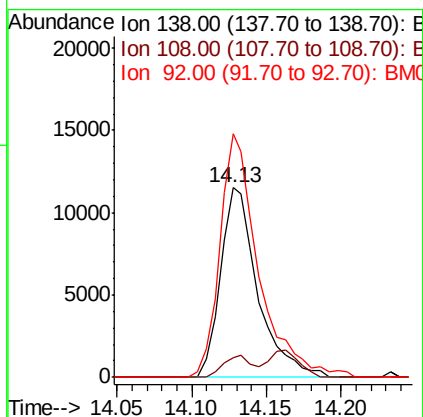
Tot Ion:138 Resp: 20104

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

92 128.5 103.3 154.9



#54

2,4-Dinitrophenol

Concen: 71.430 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

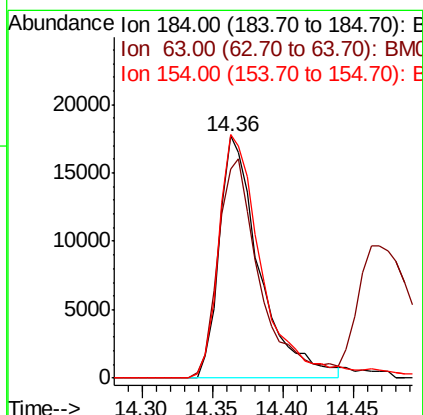
Tgt Ion:184 Resp: 35084

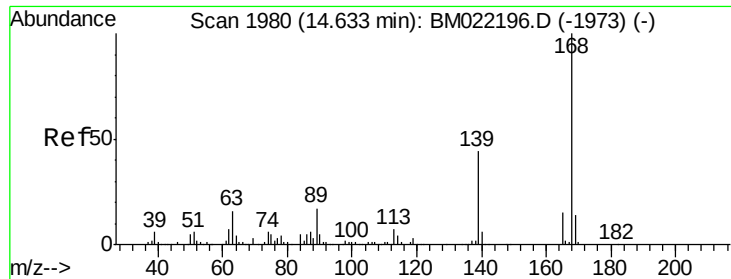
Ion Ratio Lower Upper

184 100

63 86.3 63.8 95.8

154 100.7 75.0 112.6

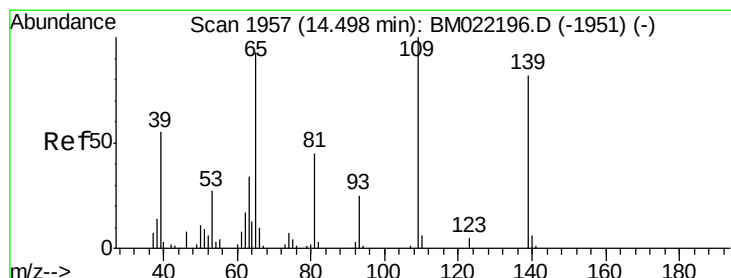
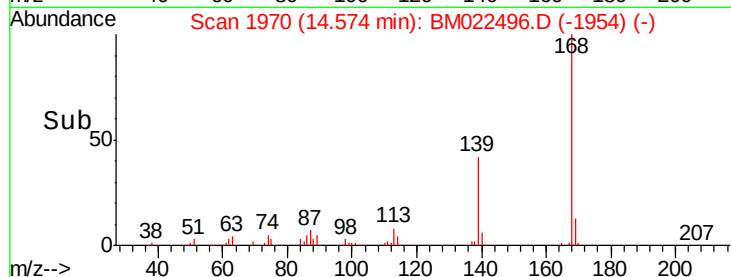
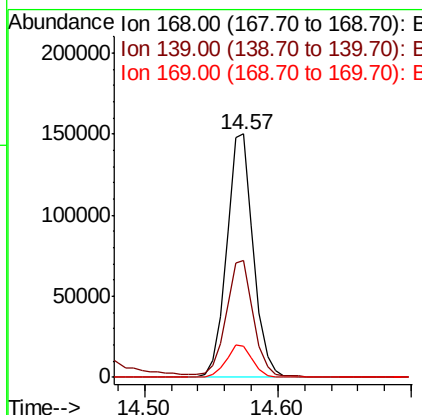
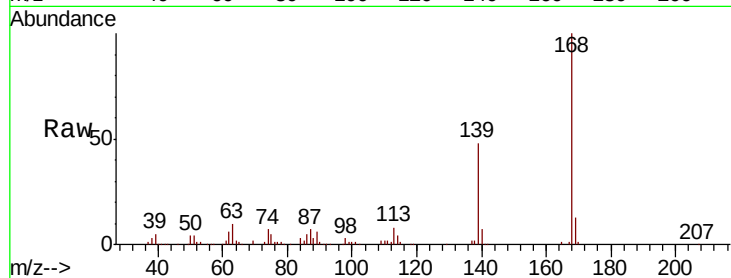




#55
Dibenzofuran
Concen: 43.553 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

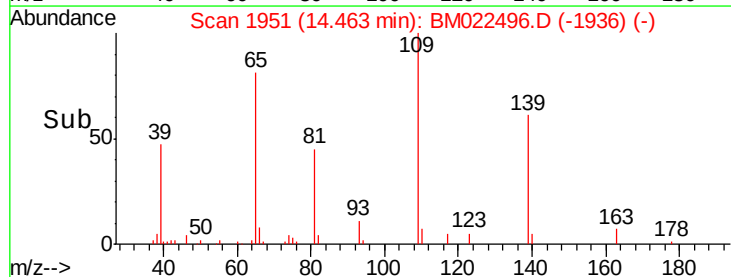
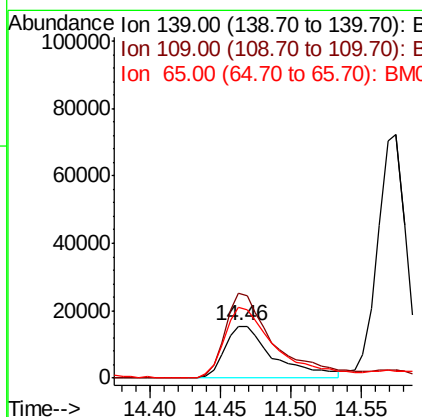
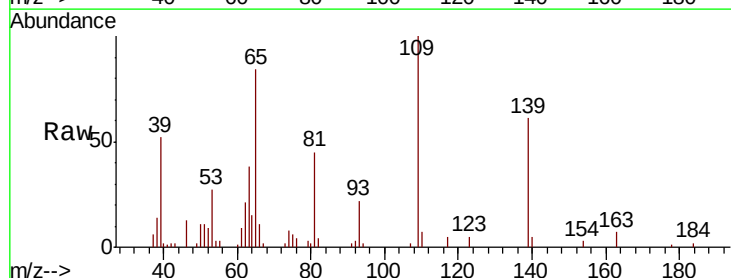
Instrument :
BNA_M
ClientSampled :

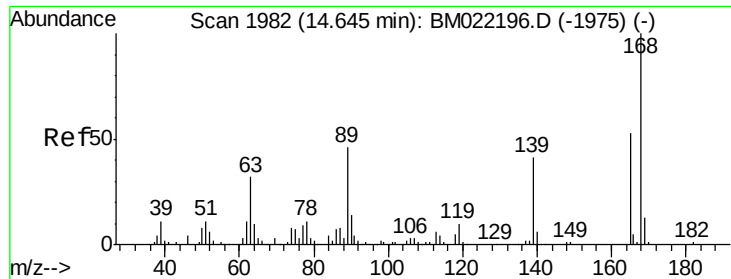
Tot Ion	Ratio	Lower	Upper
168	100		
139	48.1	36.1	54.1
169	12.7	10.4	15.6



#56
4-Nitrophenol
Concen: 70.291 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	163.7	128.0	168.0
65	137.0	104.3	144.3

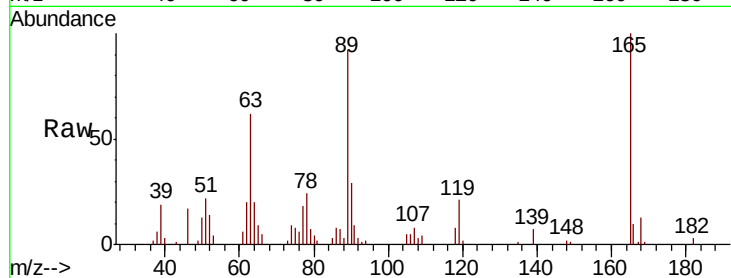




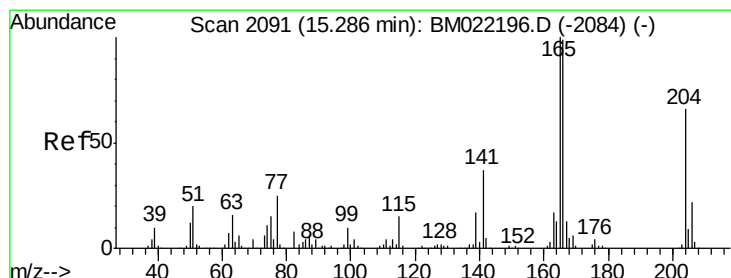
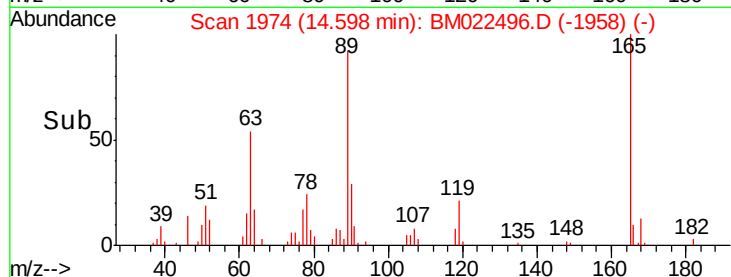
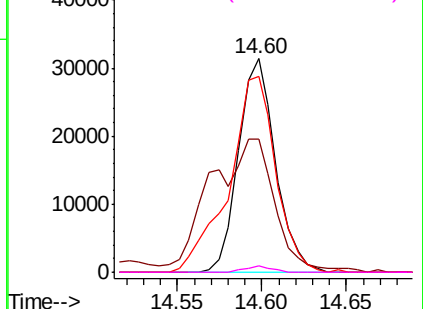
#57
 2,4-Dinitrotoluene
 Concen: 39.967 ng
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 47602
 Ion Ratio Lower Upper
 165 100
 63 62.5 54.6 82.0
 89 91.9 74.5 111.7
 182 2.8 1.7 2.5#

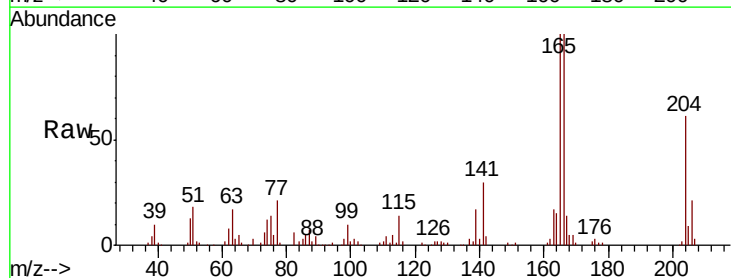


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

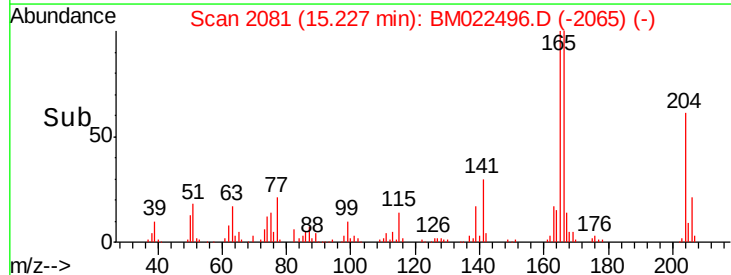
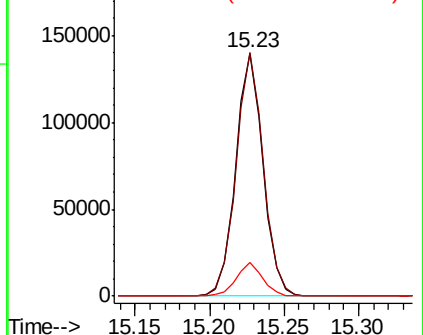


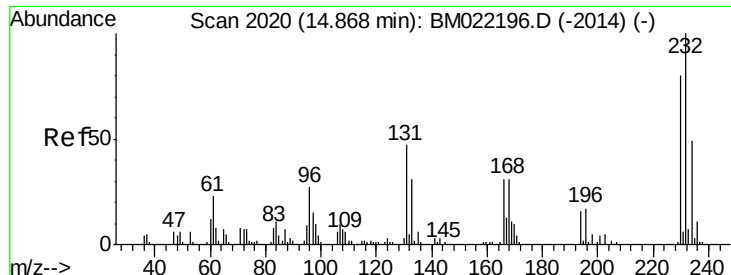
#58
 Fluorene
 Concen: 41.432 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:166 Resp: 177562
 Ion Ratio Lower Upper
 166 100
 165 100.5 81.1 121.7
 167 13.7 11.1 16.7



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

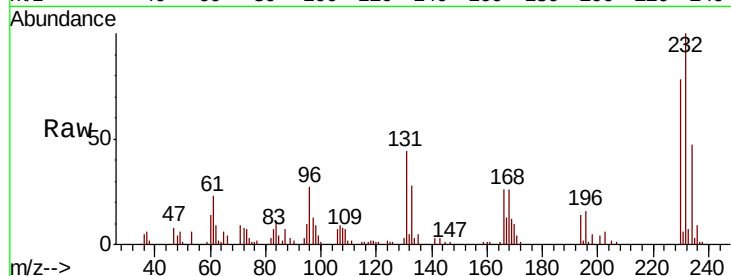




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.813 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	41.8	32.0	48.0	
130	2.7	2.4	3.6	
166	25.2	20.2	30.2	



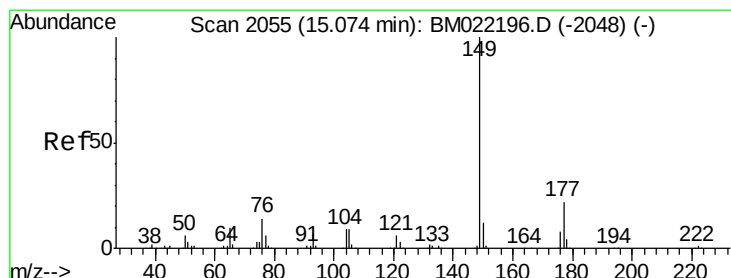
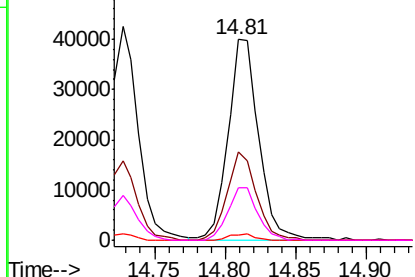
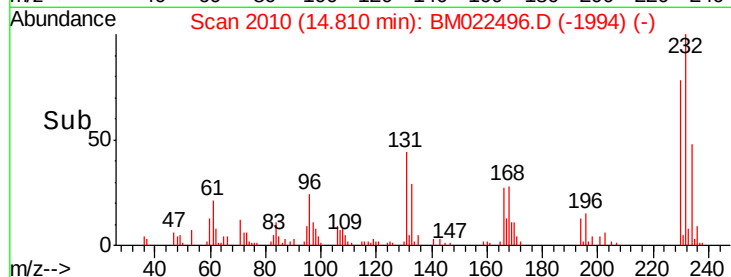
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

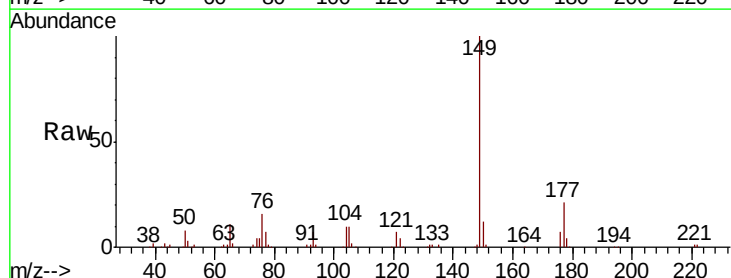
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.291 ng
RT: 15.02 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	21.1	16.6	25.0	
150	12.2	9.8	14.8	

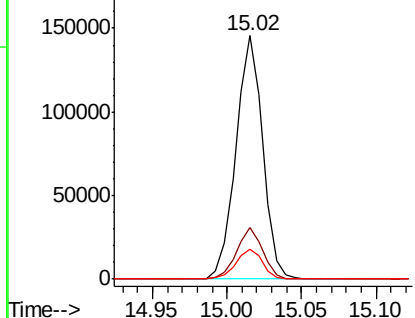
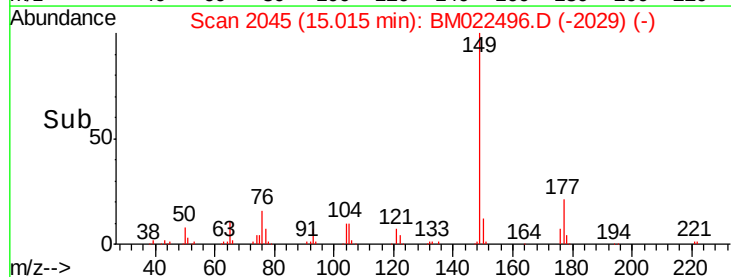


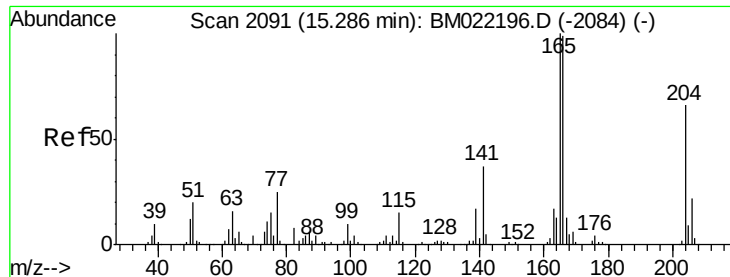
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

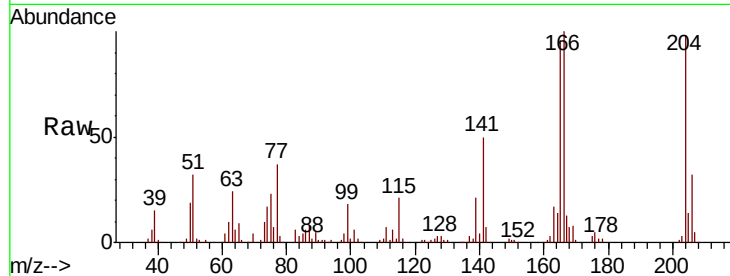




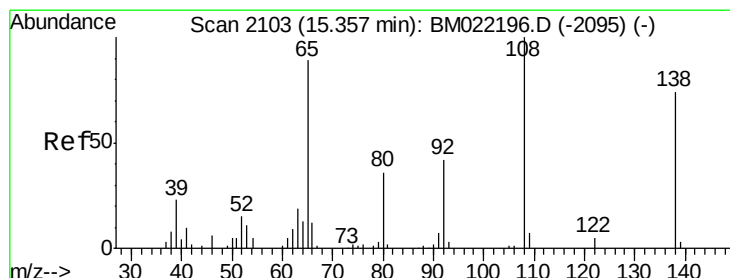
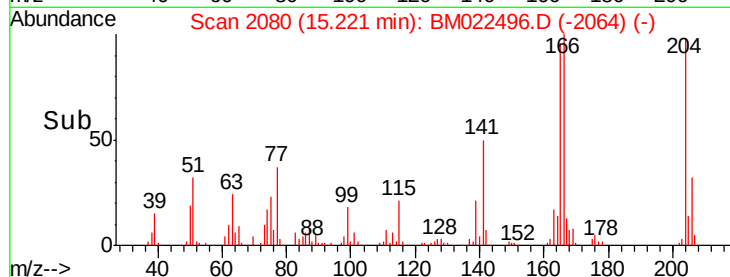
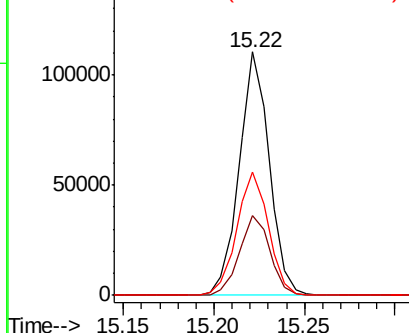
#61
 4-Chlorophenyl-phenylether
 Concen: 43.160 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 127193
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 50.4 40.6 60.8

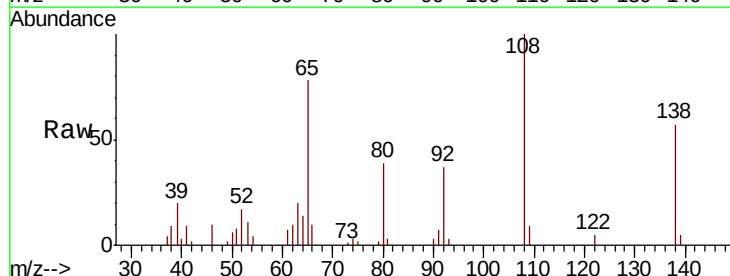


Abundance Ion 204.00 (203.70 to 204.70): E
 150000 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

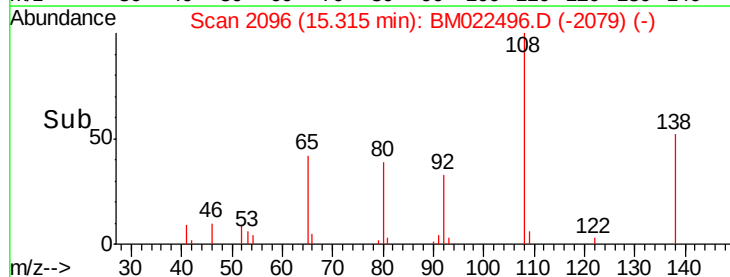
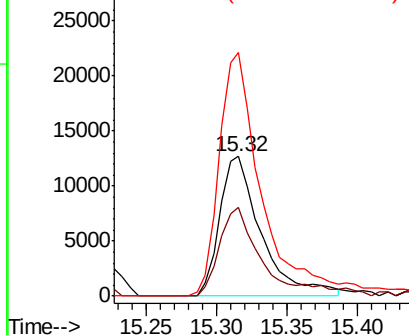


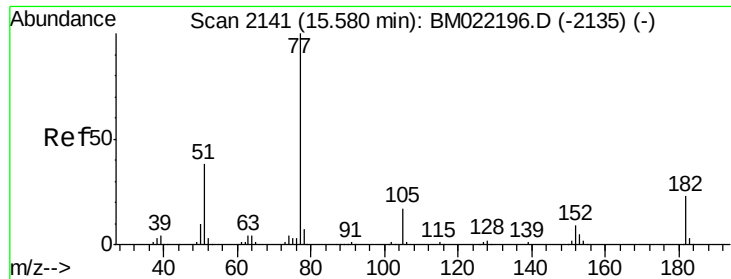
#62
 4-Nitroaniline
 Concen: 34.971 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:138 Resp: 26036
 Ion Ratio Lower Upper
 138 100
 92 63.7 40.5 80.5
 108 174.5 156.8 196.8



Abundance Ion 138.00 (137.70 to 138.70): E
 30000 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E

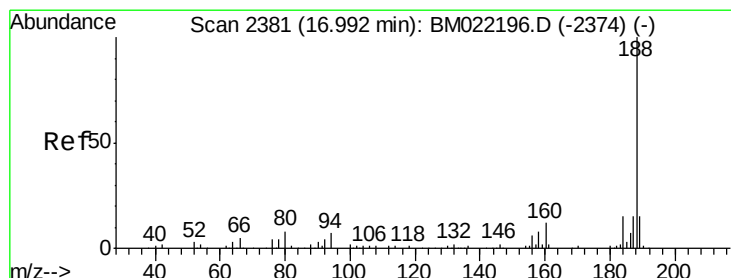
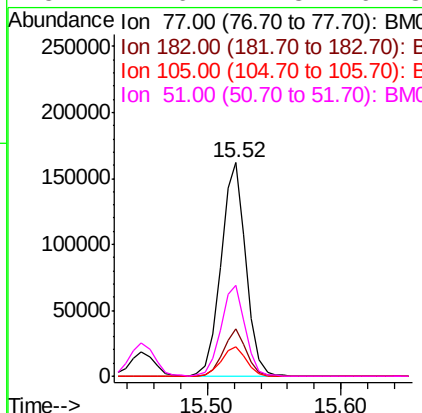
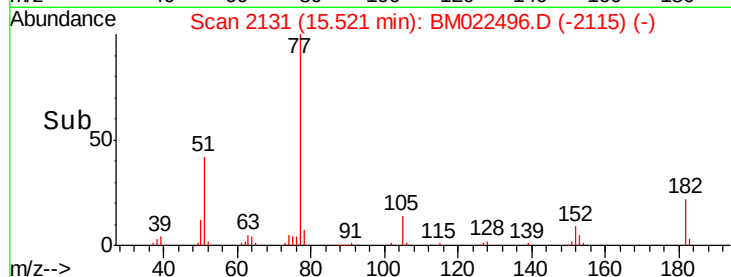
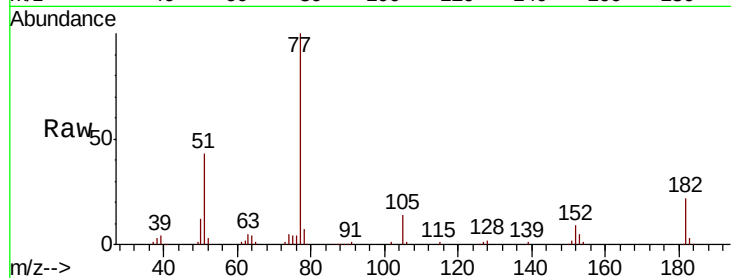




#63
Azobenzene
Concen: 47.924 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

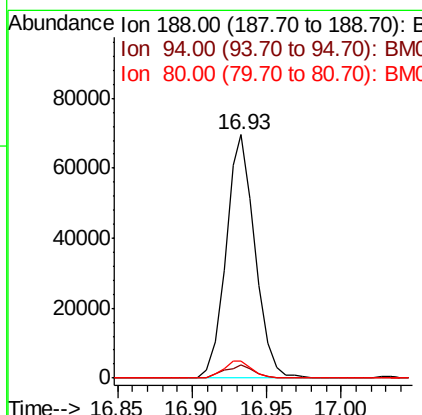
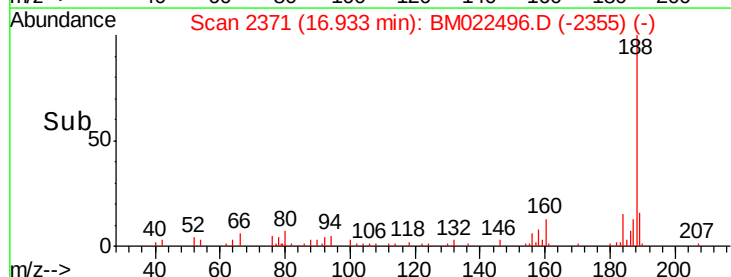
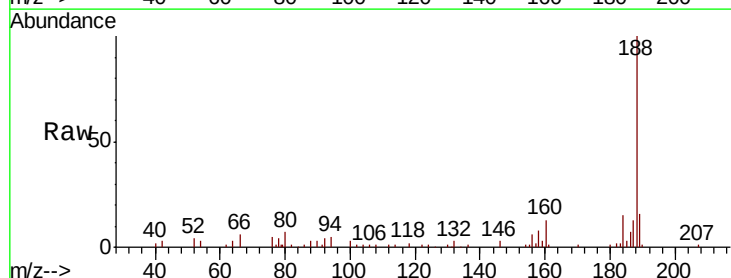
Instrument :
BNA_M
ClientSampled :

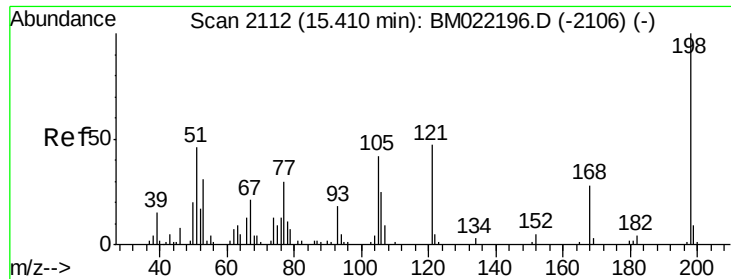
Tot Ion:	77	Resp:	210732
Ion	Ratio	Lower	Upper
77	100		
182	22.2	3.5	43.5
105	13.8	0.0	34.2
51	42.6	21.8	61.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion:	188	Resp:	94320
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.4	6.6
80	6.8	5.0	7.6





#65

4,6-Dinitro-2-methylphenol

Concen: 48.079 ng

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

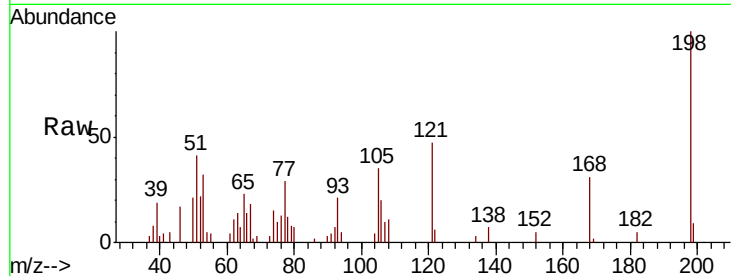
Tot Ion:198 Resp: 27060

Ion Ratio Lower Upper

198 100

51 41.2 21.0 61.0

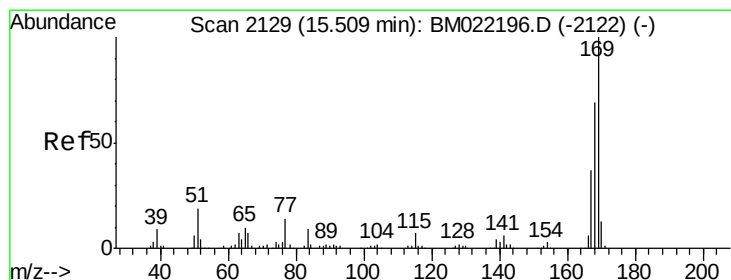
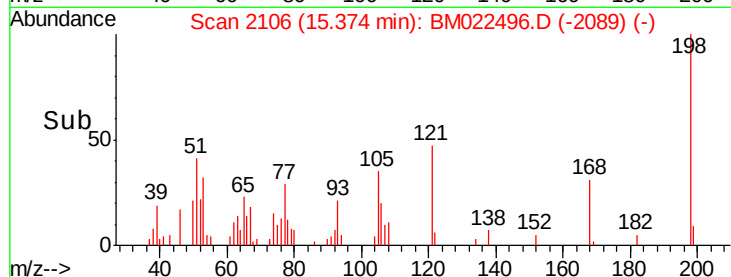
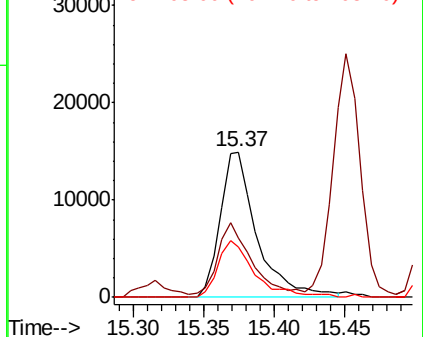
105 34.7 16.1 56.1



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: 48.907 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

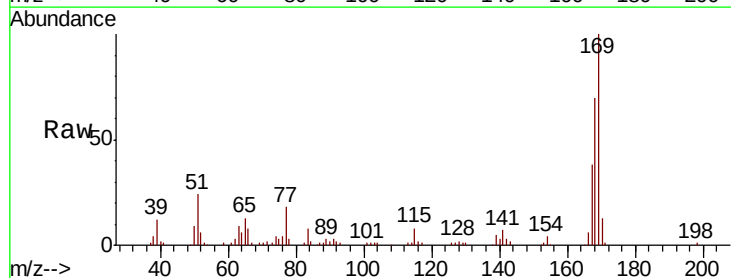
Tgt Ion:169 Resp: 139271

Ion Ratio Lower Upper

169 100

168 69.8 56.7 85.1

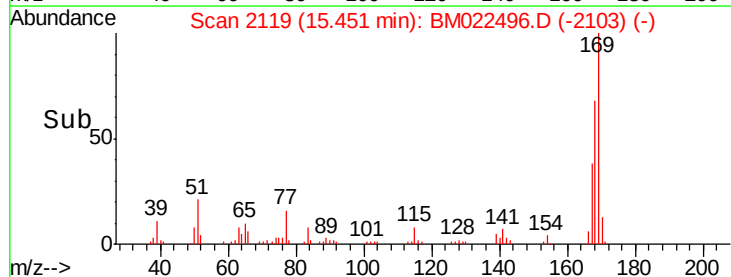
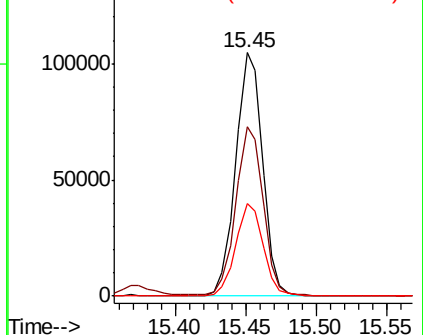
167 37.9 30.8 46.2

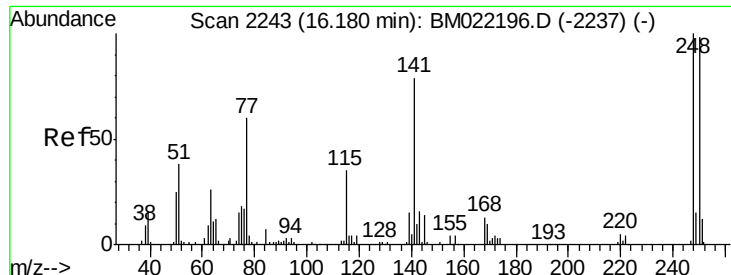


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

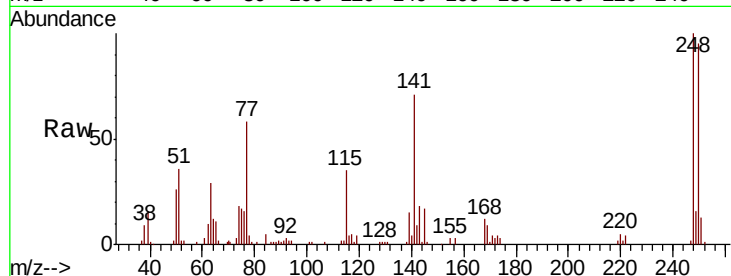




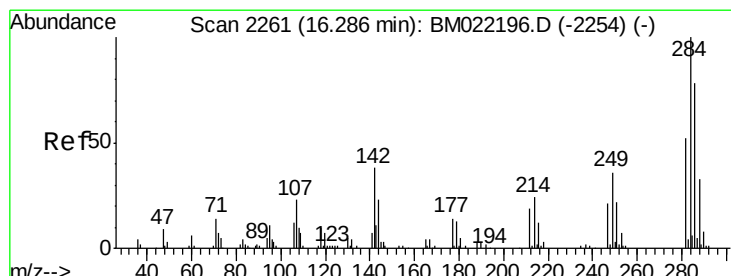
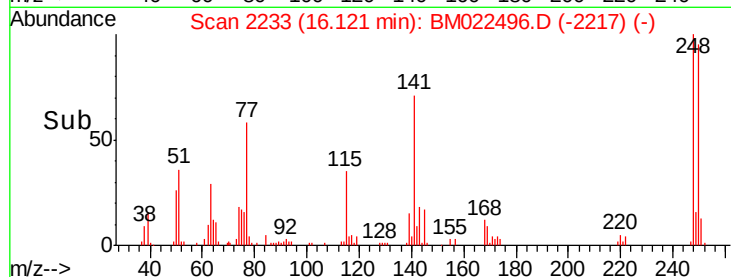
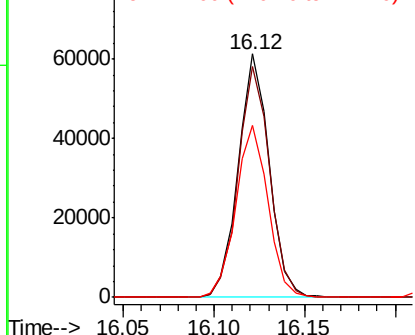
#67
 4-Bromophenyl-phenylether
 Concen: 49.088 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 72848
 Ion Ratio Lower Upper
 248 100
 250 94.8 73.6 110.4
 141 70.8 53.3 79.9

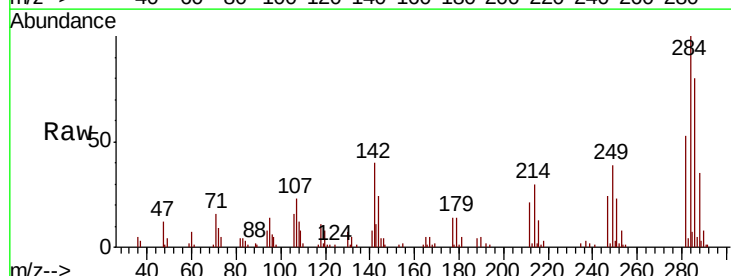


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

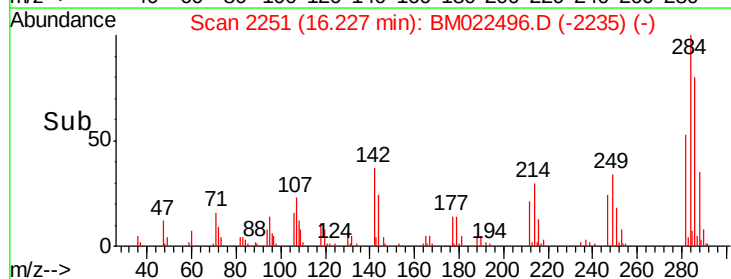
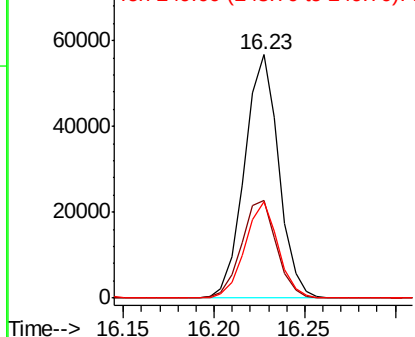


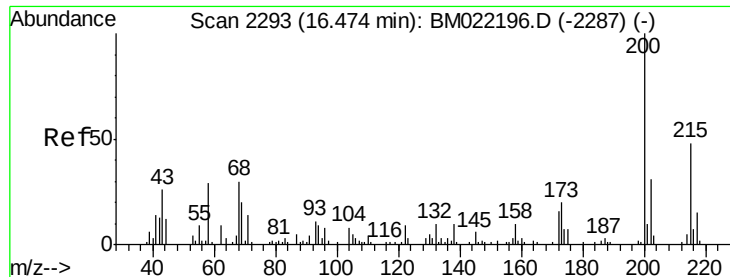
#68
 Hexachlorobenzene
 Concen: 44.167 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion:284 Resp: 74244
 Ion Ratio Lower Upper
 284 100
 142 40.1 30.2 45.4
 249 39.5 28.8 43.2



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





#69

Atrazine

Concen: 45.714 ng

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

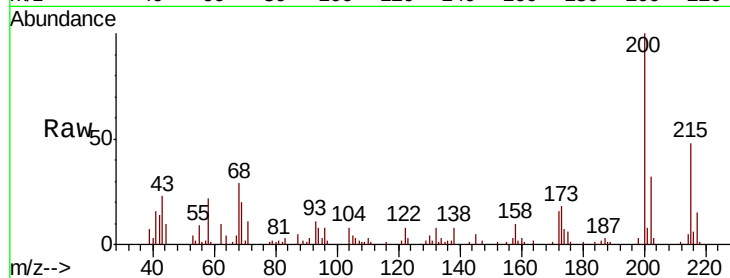
Tot Ion:200 Resp: 55424

Ion Ratio Lower Upper

200 100

173 17.7 0.0 39.9

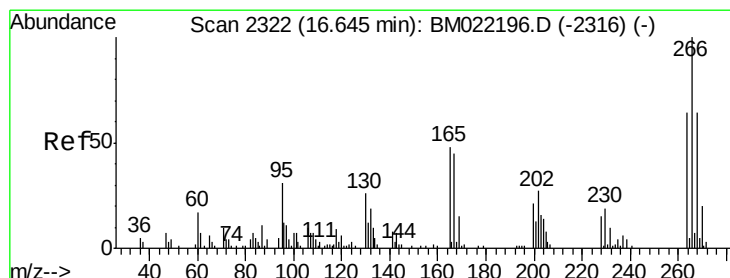
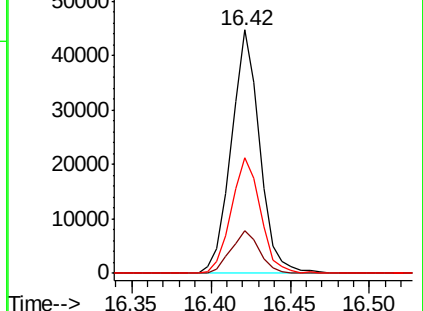
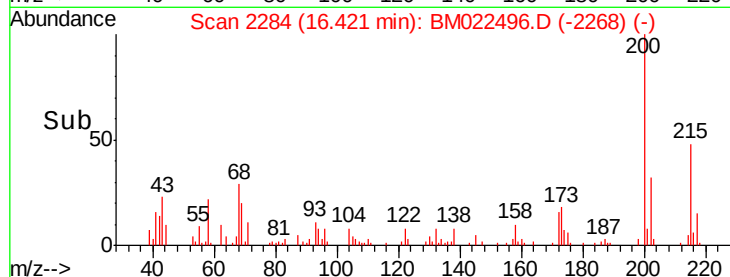
215 47.7 27.8 67.8



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: 98.307 ng

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

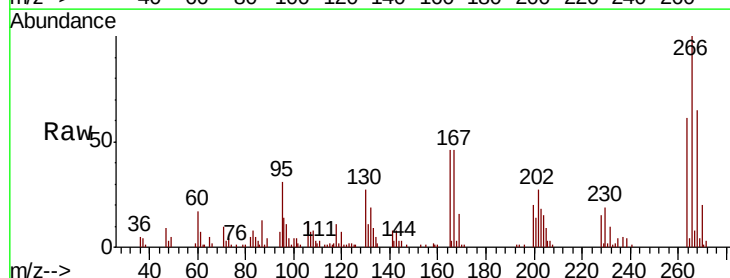
Tgt Ion:266 Resp: 73916

Ion Ratio Lower Upper

266 100

268 65.1 48.4 72.6

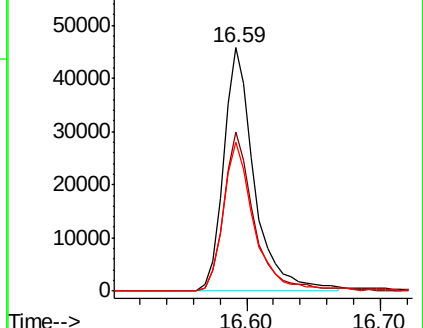
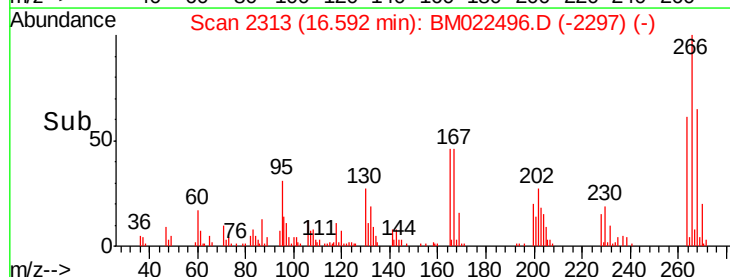
264 60.9 51.7 77.5

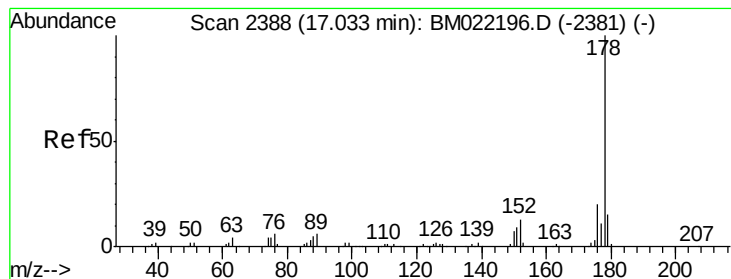


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.505 ng

RT: 16.97 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

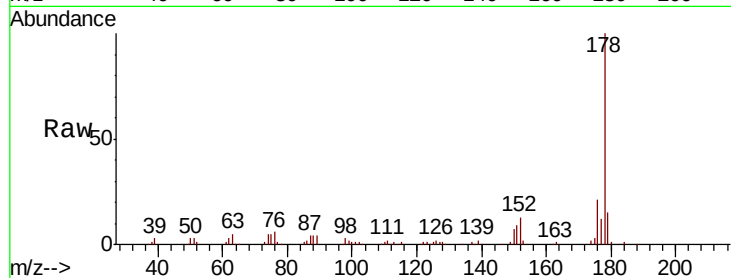
Tot Ion:178 Resp: 239184

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

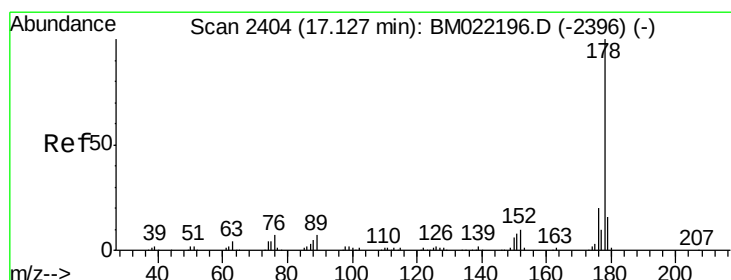
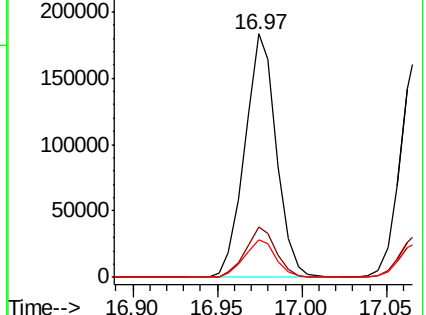
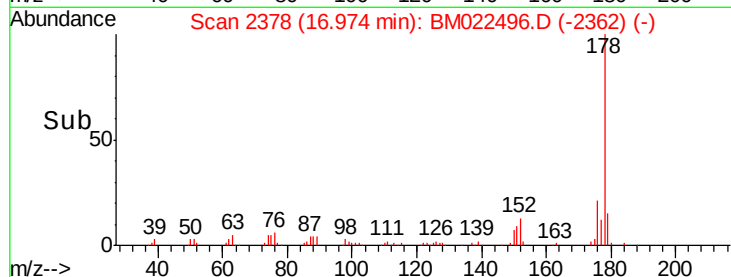
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.295 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

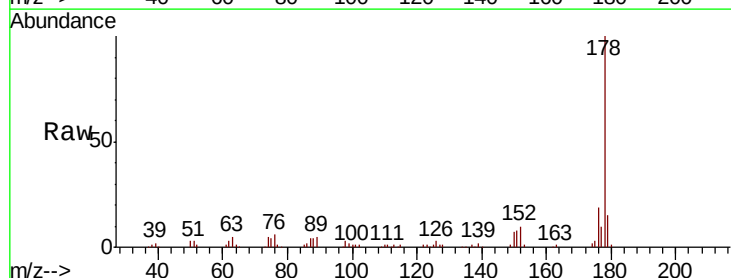
Tgt Ion:178 Resp: 245011

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

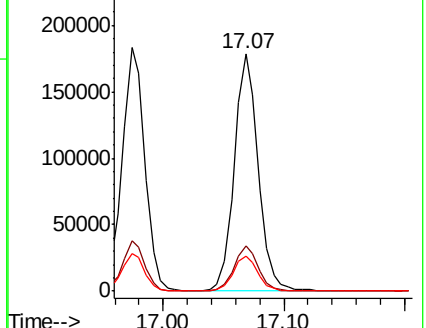
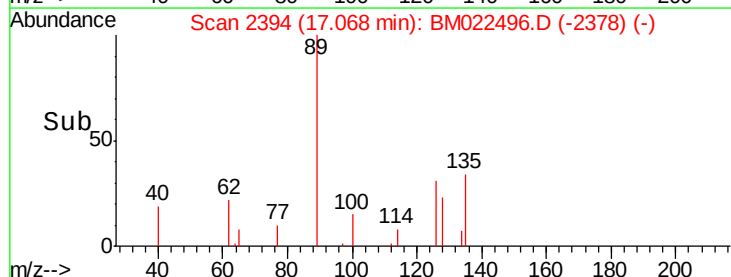
179 14.9 11.8 17.6

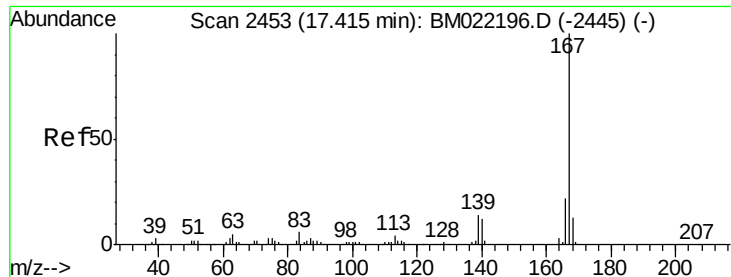


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

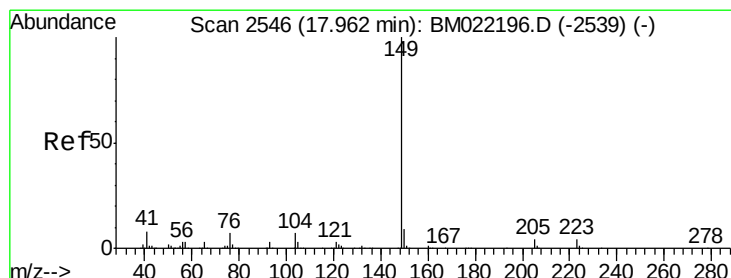
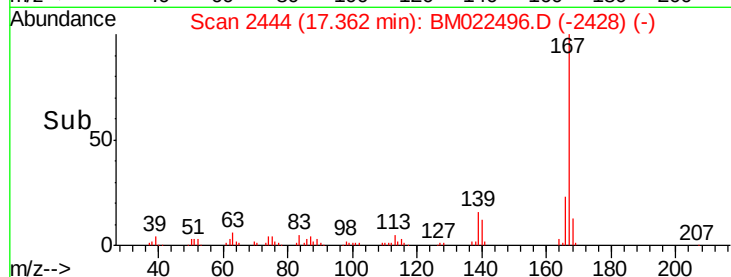
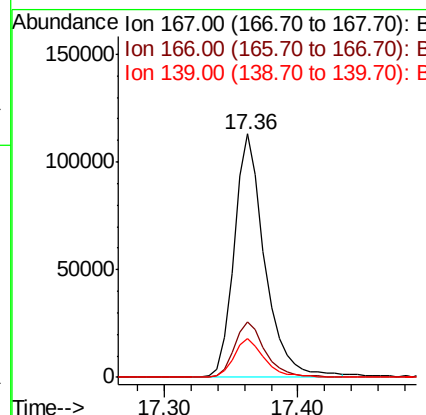
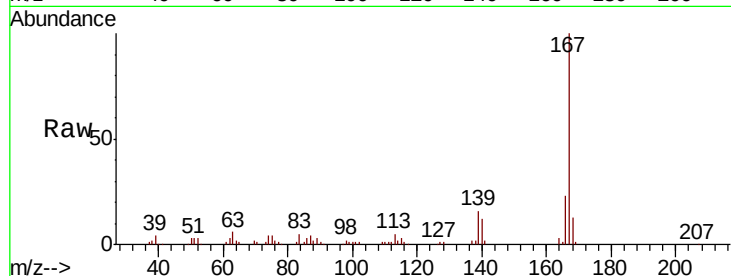




#73
 Carbazole
 Concen: 40.304 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

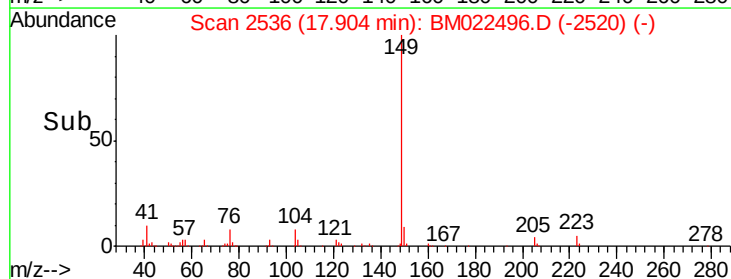
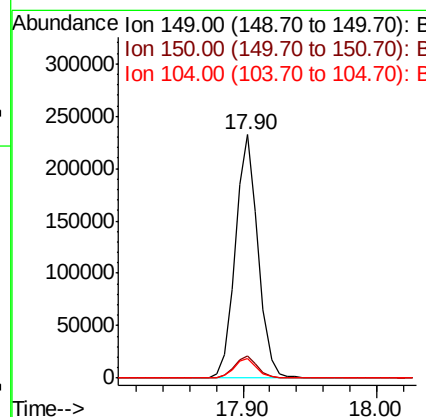
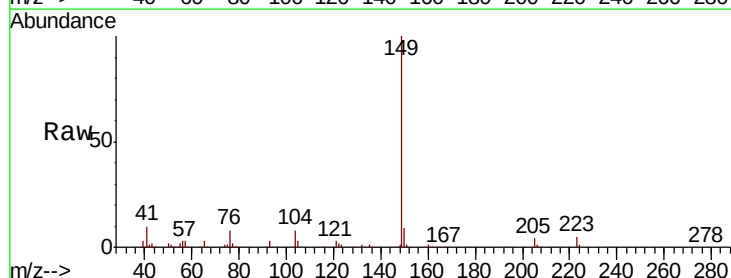
Instrument :
 BNA_M
 ClientSampleId :

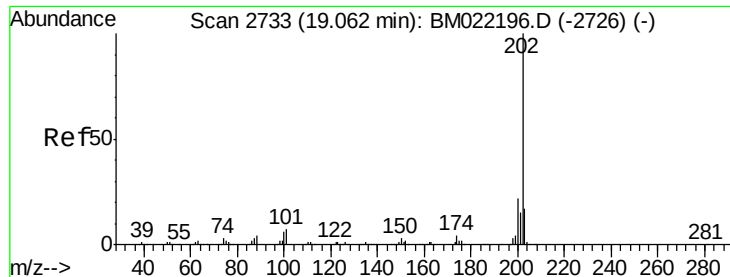
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	15.7	11.6	17.4



#74
 Di-n-butylphthalate
 Concen: 45.447 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM022496.D
 Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	7.8	5.6	8.4





#75

Fluoranthene

Concen: 40.558 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

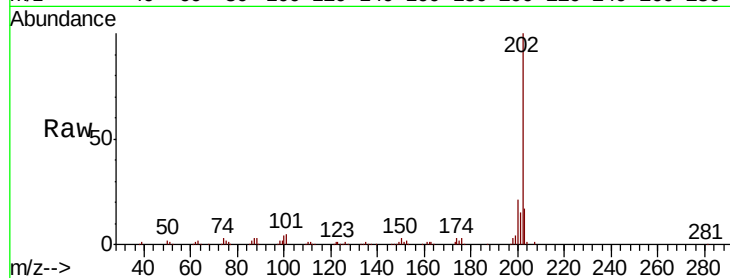
Tot Ion:202 Resp: 296948

Ion Ratio Lower Upper

202 100

101 4.9 0.0 25.1

203 17.1 0.0 37.1

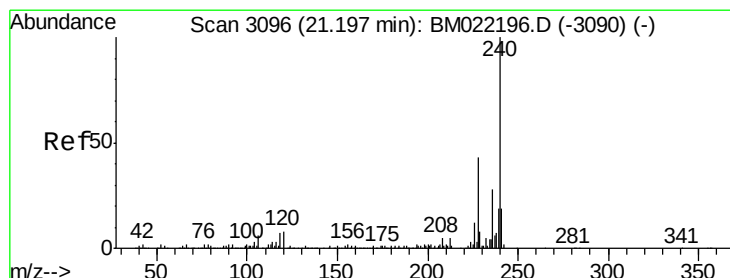
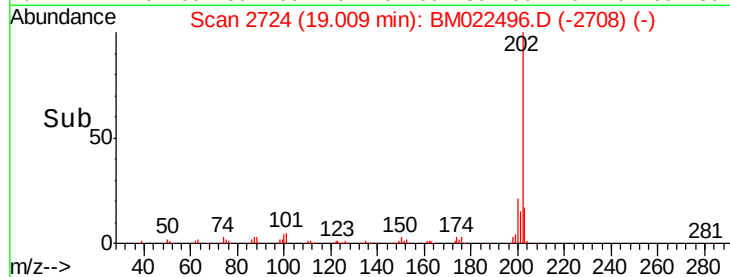
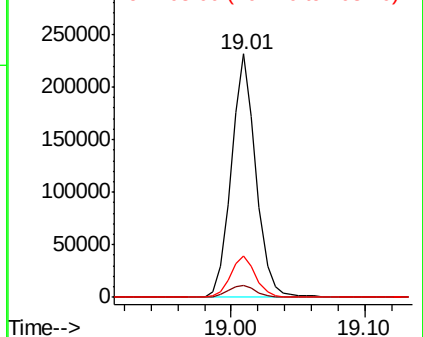


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

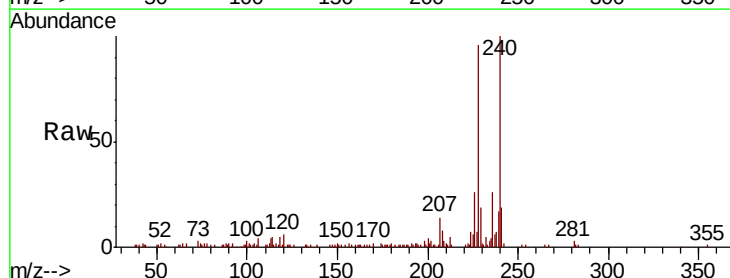
Tgt Ion:240 Resp: 89809

Ion Ratio Lower Upper

240 100

120 6.1 3.9 5.9#

236 26.0 21.4 32.2

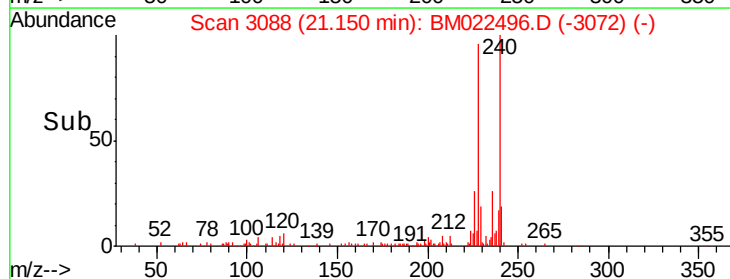
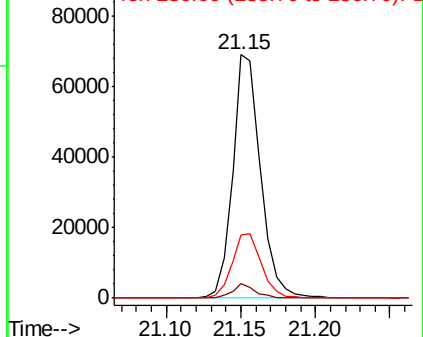


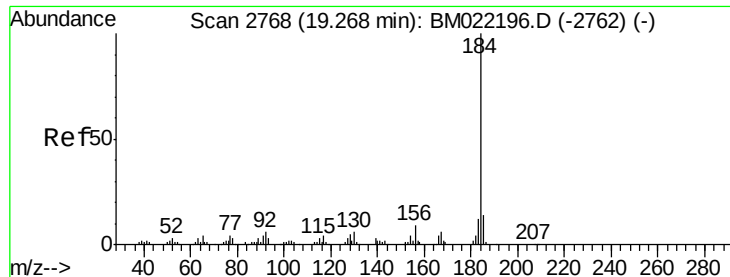
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.355 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

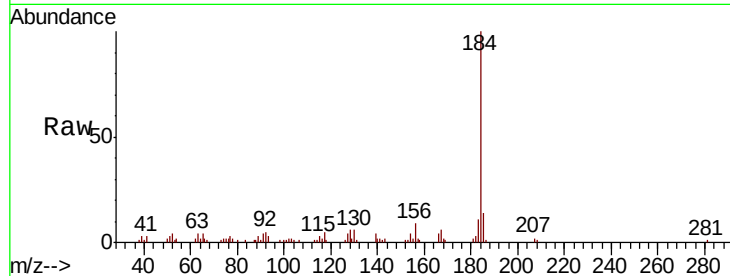
Tot Ion:184 Resp: 92785

Ion Ratio Lower Upper

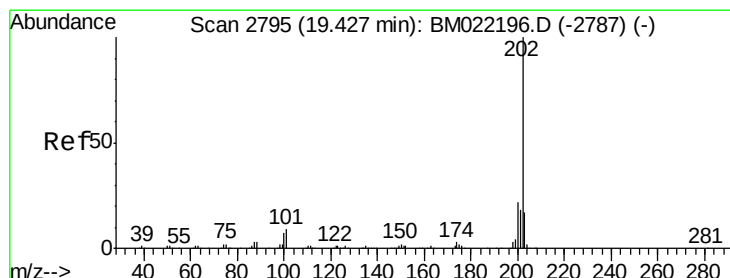
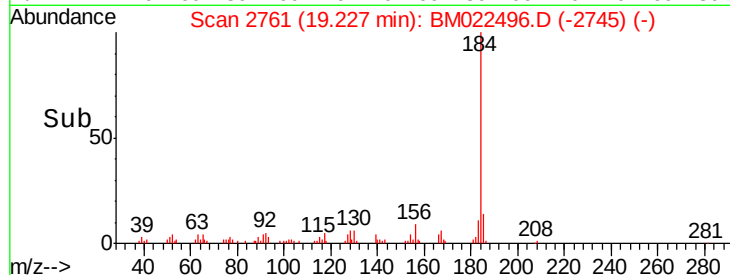
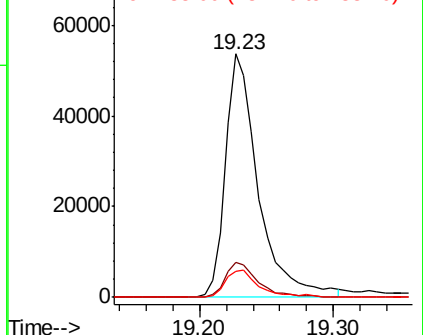
184 100

185 14.3 11.8 17.6

183 10.8 9.4 14.2



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



#78

Pyrene

Concen: 48.900 ng

RT: 19.38 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

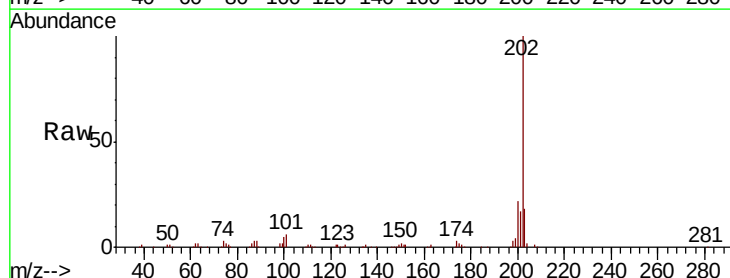
Tgt Ion:202 Resp: 299294

Ion Ratio Lower Upper

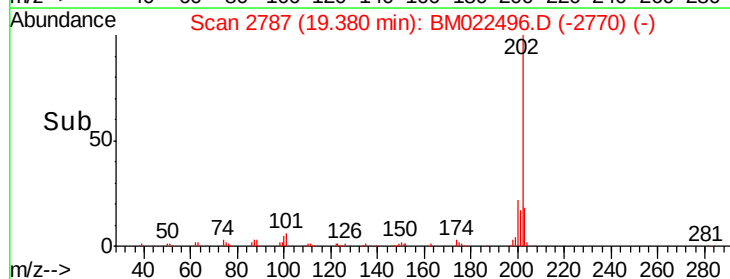
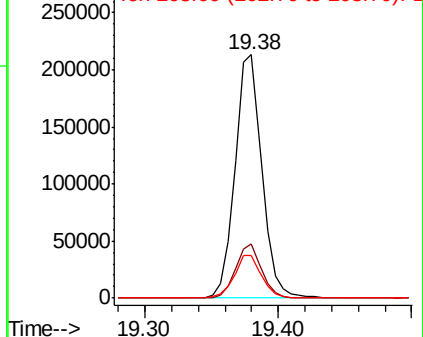
202 100

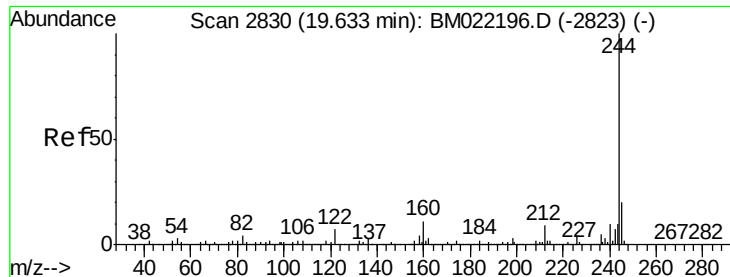
200 22.4 17.7 26.5

203 17.7 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.458 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampled :

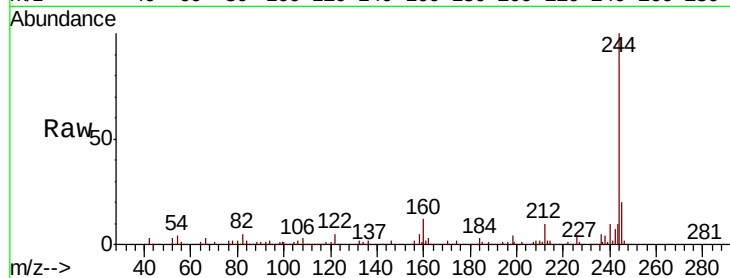
Tot Ion:244 Resp: 465857

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.4

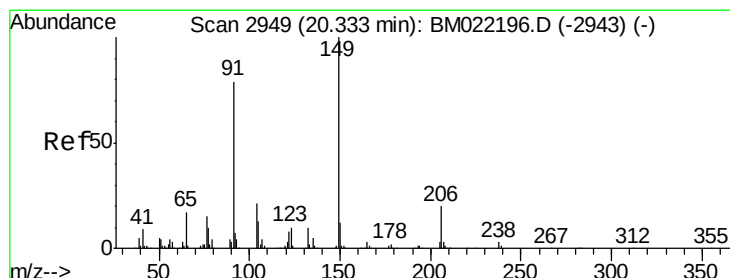
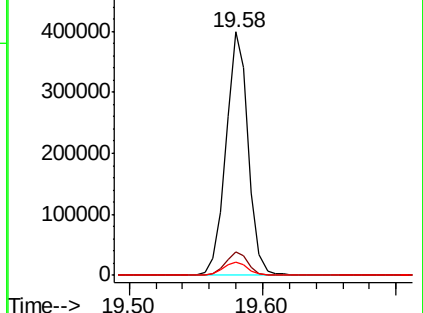
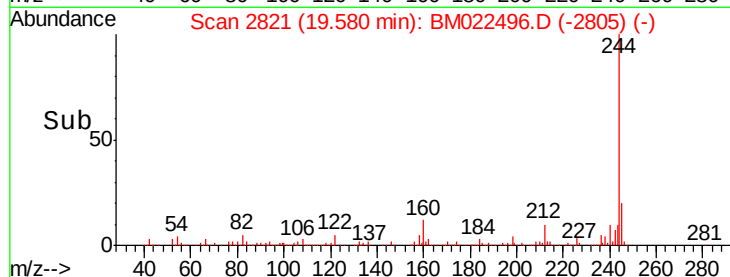
122 5.4 3.9 5.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.673 ng

RT: 20.29 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

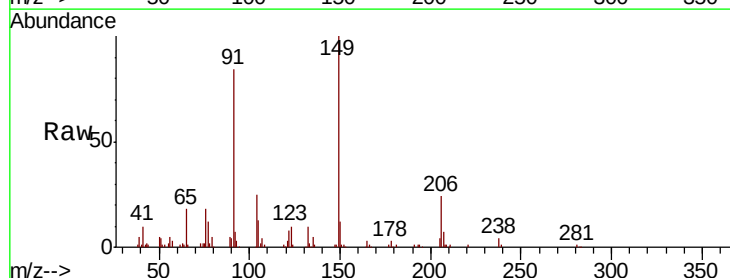
Tgt Ion:149 Resp: 106100

Ion Ratio Lower Upper

149 100

91 83.9 64.0 96.0

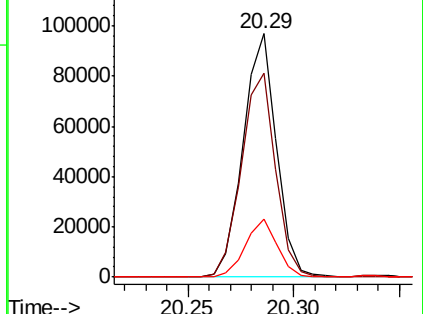
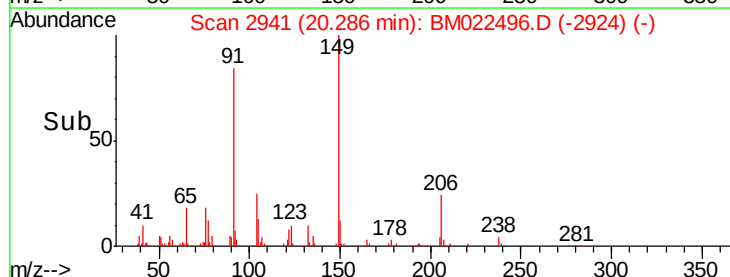
206 23.7 17.6 26.4

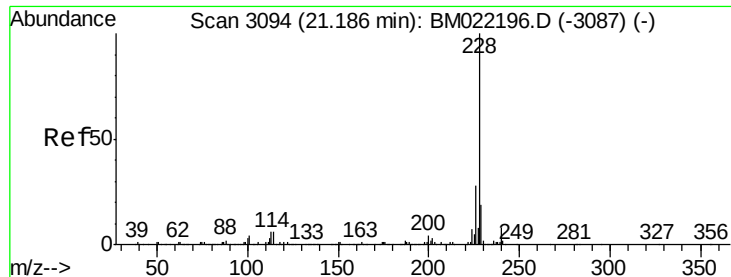


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

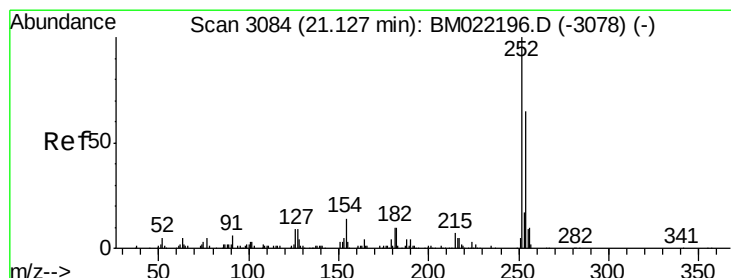
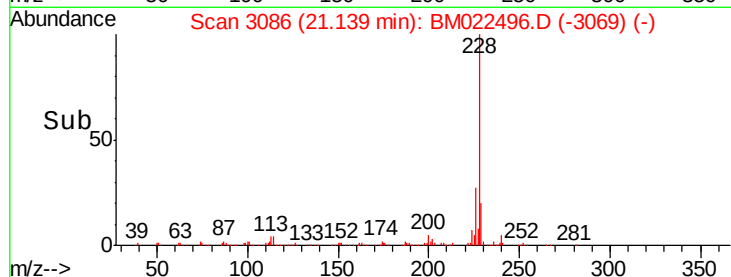
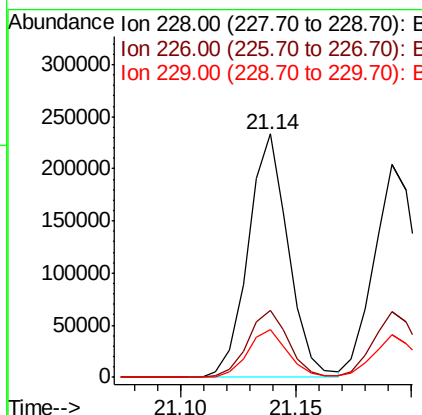
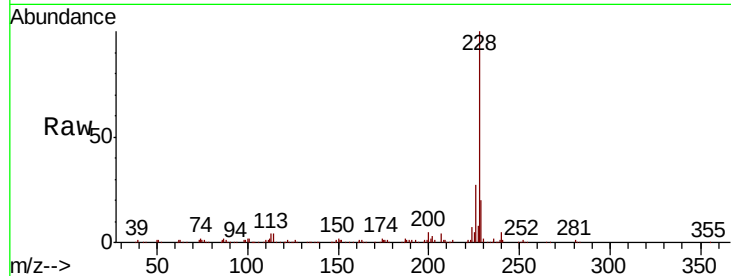




#81
Benzo(a)anthracene
Concen: 43.690 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

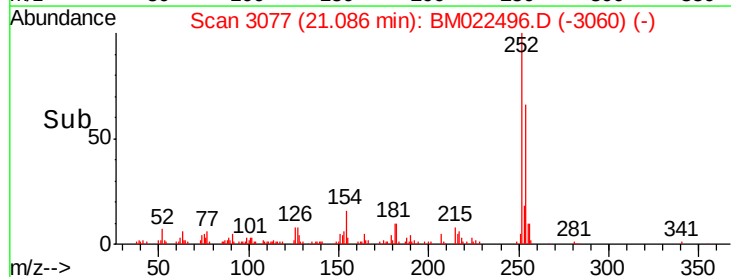
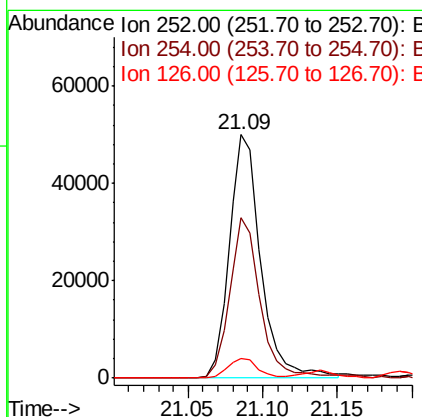
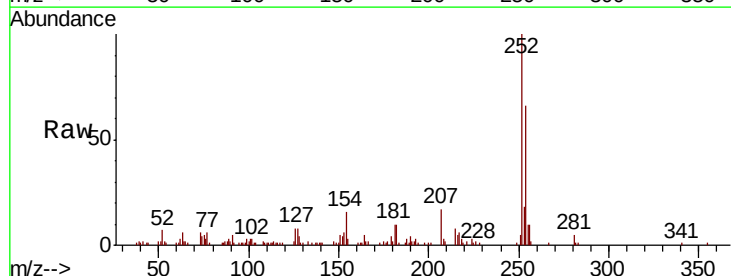
Instrument :
BNA_M
ClientSampleId :

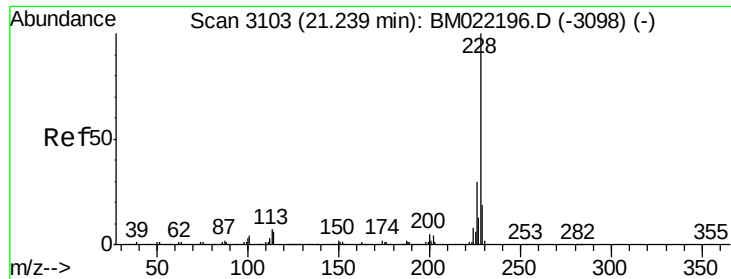
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.6	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 36.853 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.0	76.4
126	8.3	5.8	8.8





#83

Chrysene

Concen: 43.809 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

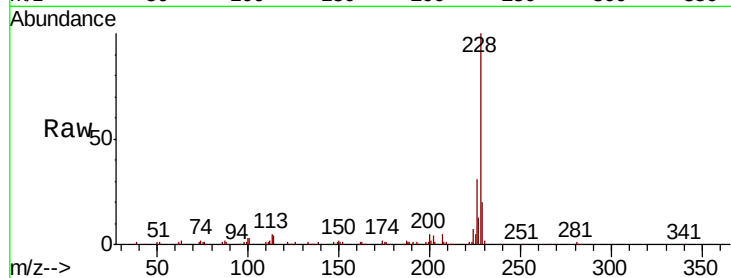
Tot Ion:228 Resp: 268792

Ion Ratio Lower Upper

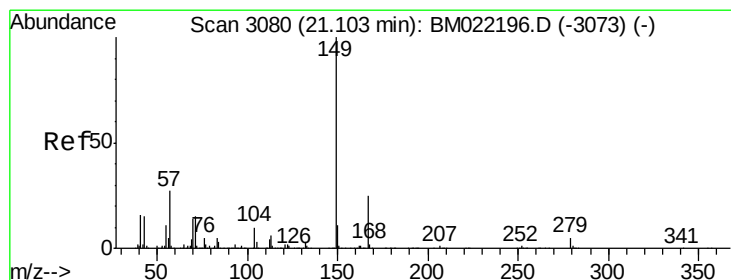
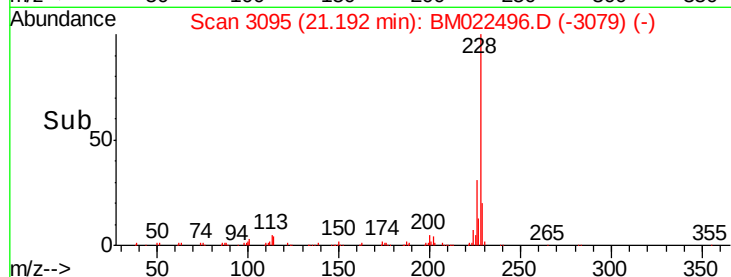
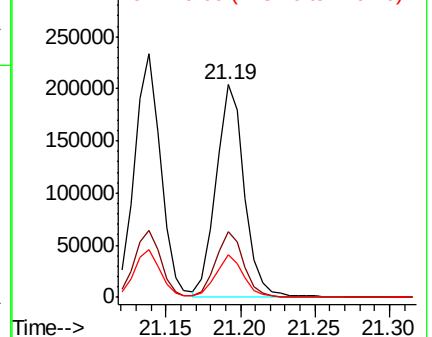
228 100

226 31.1 24.5 36.7

229 19.9 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.475 ng

RT: 21.05 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

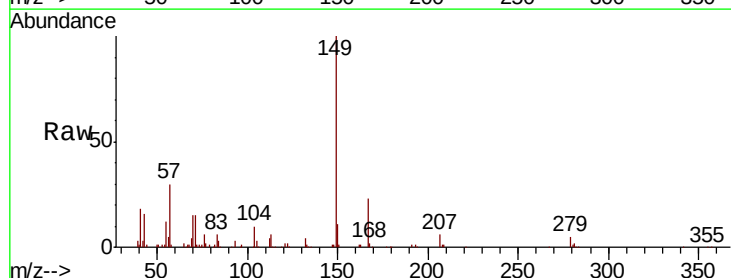
Tgt Ion:149 Resp: 155091

Ion Ratio Lower Upper

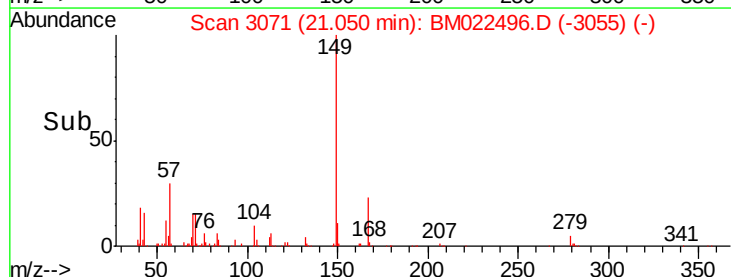
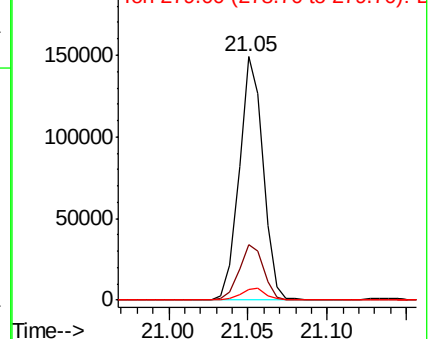
149 100

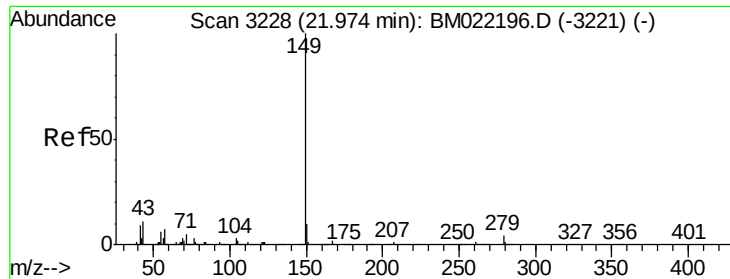
167 22.9 19.6 29.4

279 4.6 4.4 6.6



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: 53.176 ng

RT: 21.92 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampled :

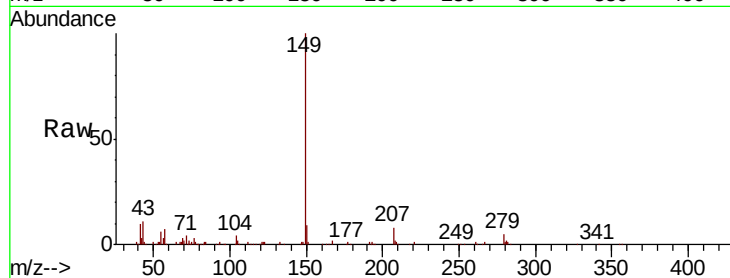
Tot Ion:149 Resp: 247691

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

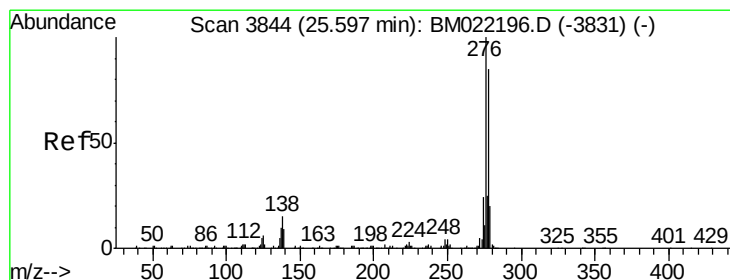
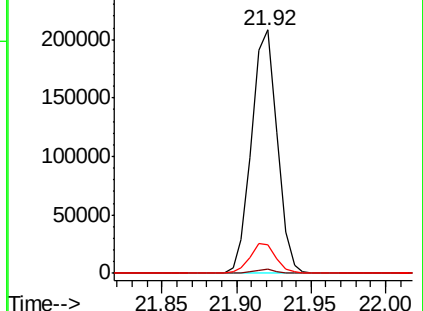
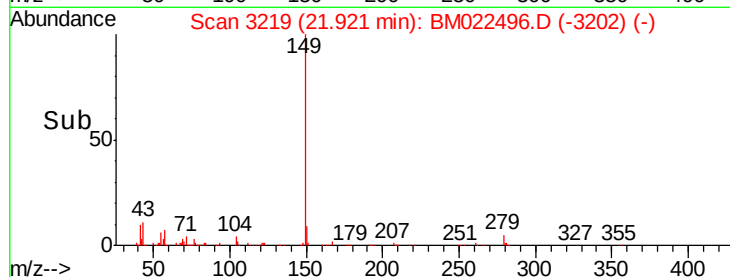
43 12.4 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.828 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

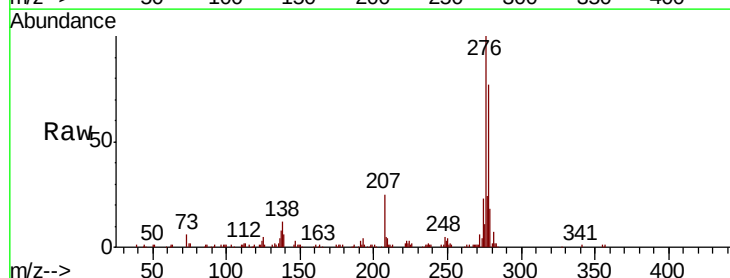
Tgt Ion:276 Resp: 245801

Ion Ratio Lower Upper

276 100

138 12.1 9.1 13.7

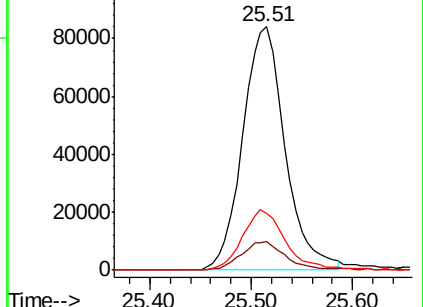
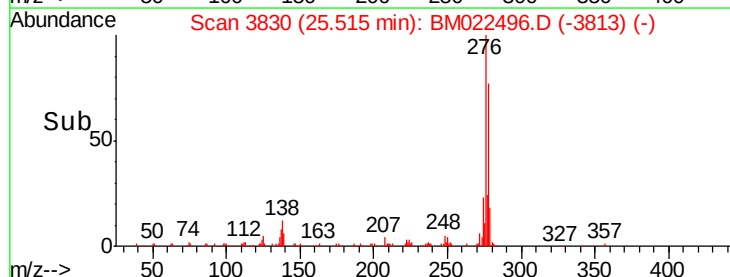
277 24.7 20.0 30.0

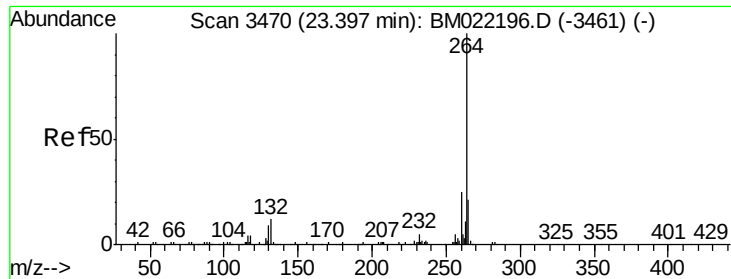


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

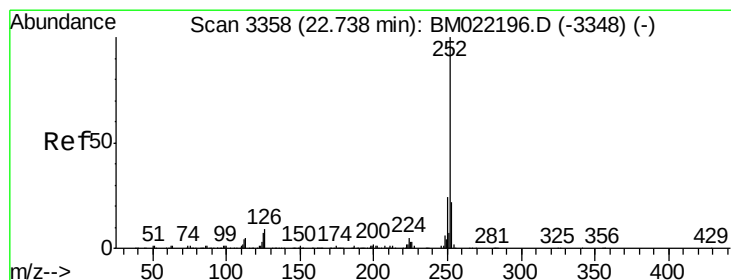
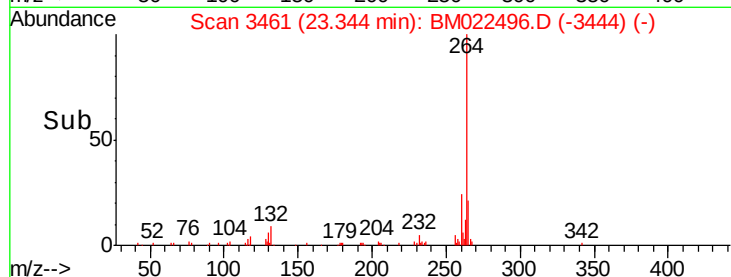
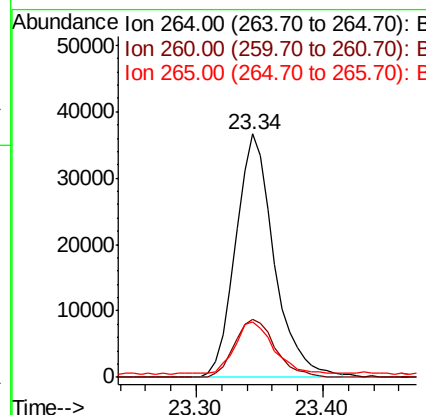
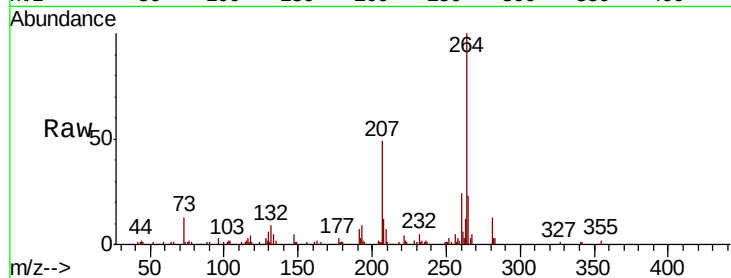




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

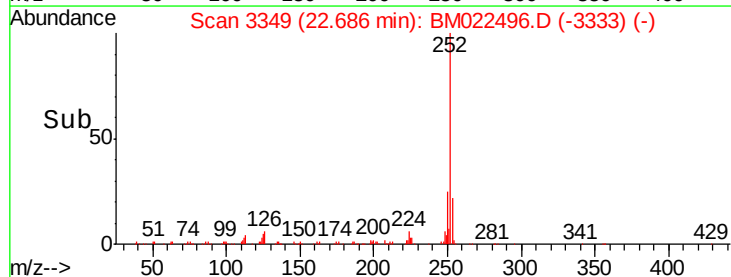
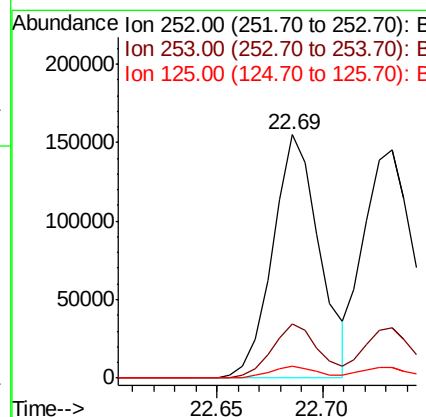
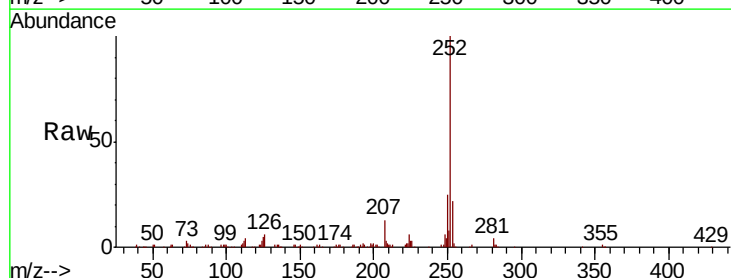
Instrument :
BNA_M
ClientSampleId :

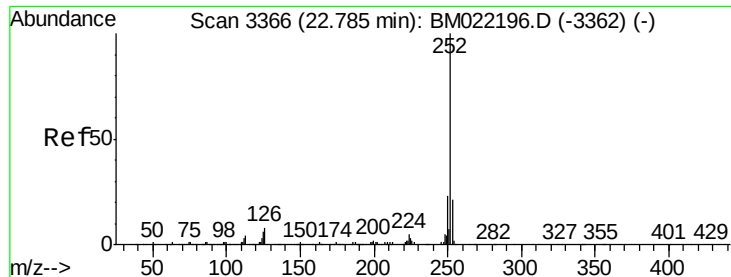
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.2
265	22.6	18.2	27.2



#88
Benzo(b)fluoranthene
Concen: 44.753 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	4.8	3.5	5.3

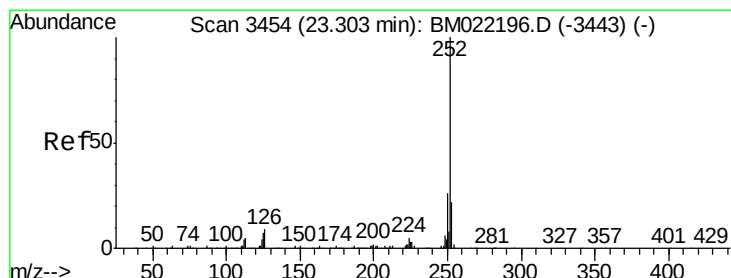
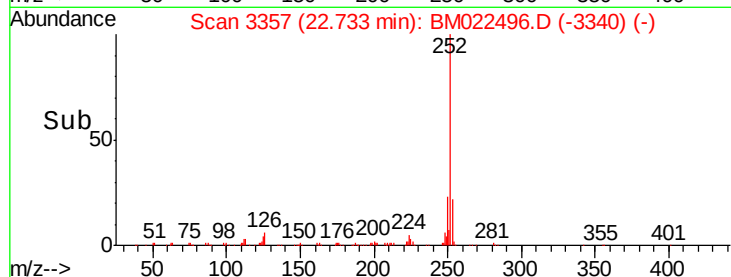
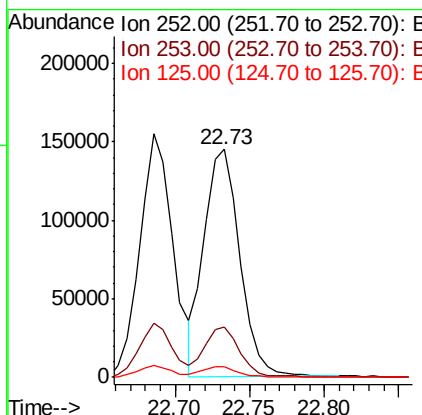
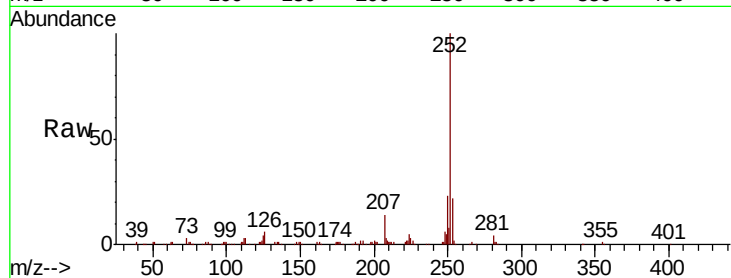




#89
Benzo(k)fluoranthene
Concen: 45.452 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

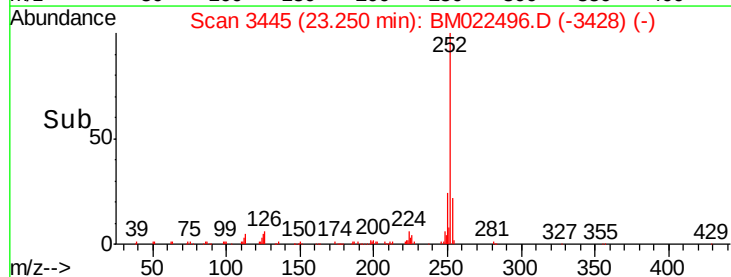
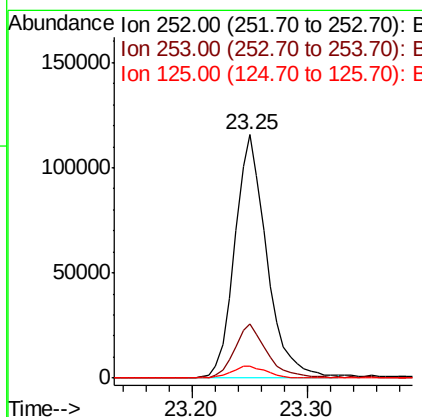
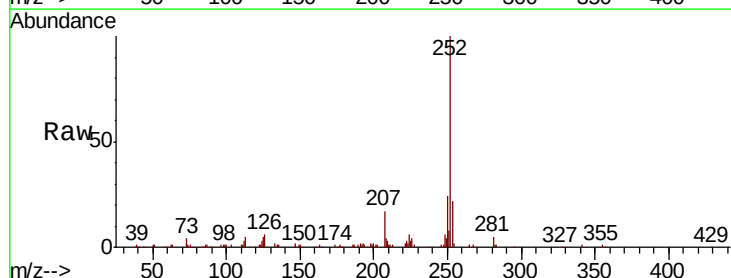
Instrument :
BNA_M
ClientSampleId :

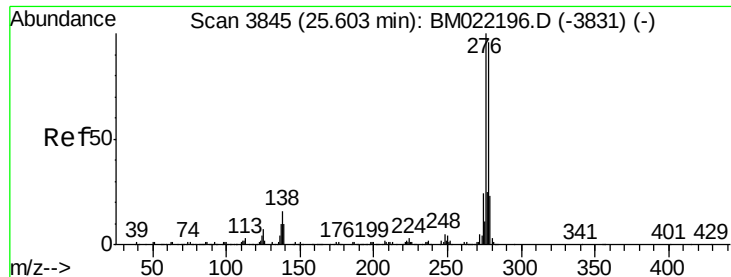
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	4.5	3.7	5.5



#90
Benzo(a)pyrene
Concen: 46.873 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM022496.D
Acq: 03 Sep 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	5.0	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 42.082 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

Instrument :

BNA_M

ClientSampleId :

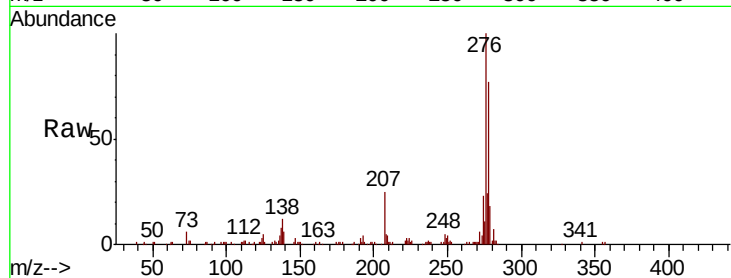
Tot Ion:278 Resp: 199148

Ion Ratio Lower Upper

278 100

139 7.4 6.6 9.8

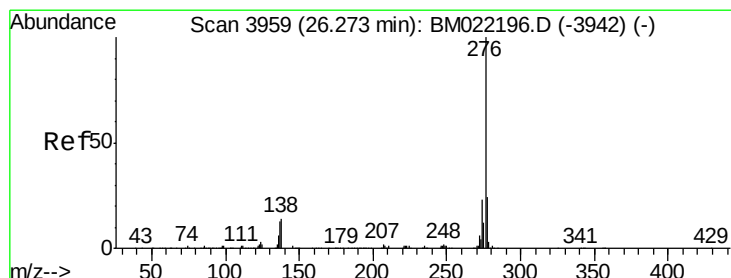
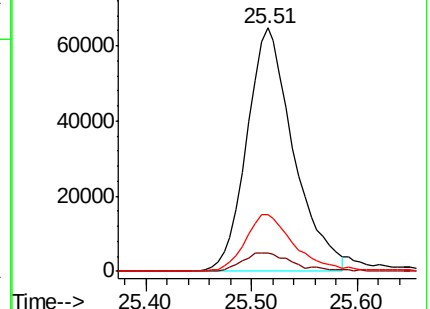
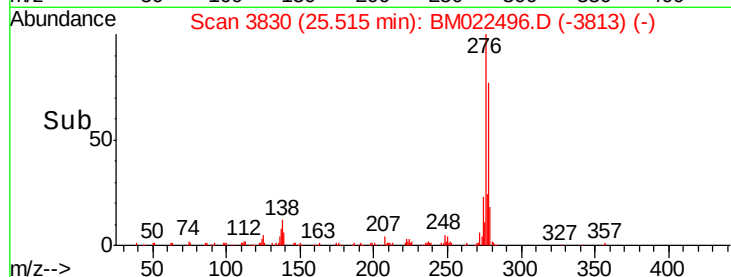
279 23.6 19.3 28.9



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: 45.576 ng

RT: 26.19 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM022496.D

Acq: 03 Sep 2019 10:55

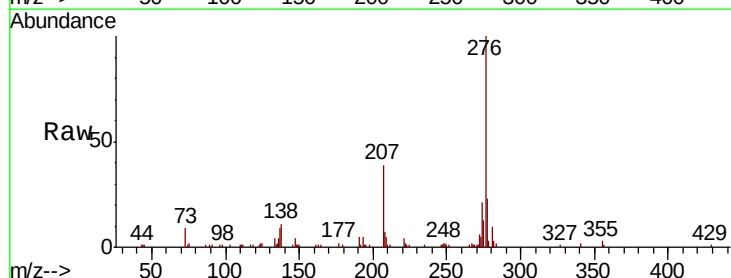
Tgt Ion:276 Resp: 187973

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.0

138 10.8 8.8 13.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

