

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 Data File : BM022198.D
 Acq On : 19 Aug 2019 20:17
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:37:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 01:26:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	35072	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	151126	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	96817	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	187347	20.00	ng	0.00
76) Chrysene-d12	21.20	240	183409	20.00	ng	0.00
87) Perylene-d12	23.40	264	181558	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	237933	122.84	ng	0.00
7) Phenol-d6	6.77	99	324938	115.20	ng	0.00
23) Nitrobenzene-d5	8.75	82	383211	132.15	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	192937	106.20	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	962228	122.15	ng	0.00
79) Terphenyl-d14	19.63	244	1599994	162.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	49294	67.551	ng	# 90
3) Pyridine	3.56	79	131320	62.580	ng	# 89
4) n-Nitrosodimethylamine	3.49	42	81629	101.026	ng	# 60
6) Aniline	6.93	93	219286	58.372	ng	95
8) 2-Chlorophenol	7.14	128	143204	60.074	ng	93
9) Benzaldehyde	6.75	77	91285	61.177	ng	92
10) Phenol	6.79	94	170595	59.202	ng	81
11) bis(2-Chloroethyl)ether	7.02	93	133209	58.389	ng	95
12) 1,3-Dichlorobenzene	7.46	146	173065	59.925	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	176281	60.036	ng	97
14) 1,2-Dichlorobenzene	7.92	146	172842	60.066	ng	97
15) Benzyl Alcohol	7.83	79	144627	63.327	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	182918	61.987	ng	99
17) 2-Methylphenol	8.02	107	122406	59.469	ng	# 92
18) Hexachloroethane	8.62	117	77791	73.788	ng	93
19) n-Nitroso-di-n-propylamine	8.39	70	126584	61.670	ng	# 86
20) 3+4-Methylphenols	8.36	107	167005	58.945	ng	93
22) Acetophenone	8.41	105	240585	62.471	ng	# 90
24) Nitrobenzene	8.79	77	195528	68.070	ng	94
25) Isophorone	9.31	82	336806	62.076	ng	97
26) 2-Nitrophenol	9.49	139	83709	59.516	ng	# 75
27) 2,4-Dimethylphenol	9.55	122	123887	60.390	ng	93
28) bis(2-Chloroethoxy)methane	9.79	93	200025	59.328	ng	99
29) 2,4-Dichlorophenol	10.01	162	151384	57.019	ng	96
30) 1,2,4-Trichlorobenzene	10.21	180	184705	59.016	ng	99
31) Naphthalene	10.40	128	478472	59.827	ng	100
32) Benzoic acid	9.76	122	100889	60.792	ng	92
33) 4-Chloroaniline	10.53	127	206458	56.866	ng	# 94
34) Hexachlorobutadiene	10.65	225	160897	81.420	ng	99
35) Caprolactam	11.38	113	36459	43.903	ng	92
36) 4-Chloro-3-methylphenol	11.67	107	158833	58.791	ng	97
37) 2-Methylnaphthalene	12.02	142	348300	56.600	ng	# 93
38) 1-Methylnaphthalene	12.25	142	332158	56.591	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	229841	62.720	ng	99

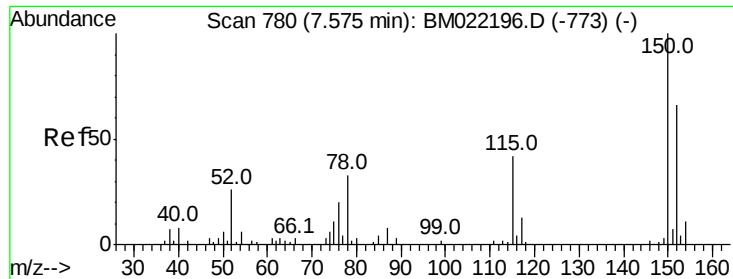
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
 Data File : BM022198.D
 Acq On : 19 Aug 2019 20:17
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 20 01:37:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 01:26:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	122570	57.698	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	143156	59.037	nq	96
44) 2,4,5-Trichlorophenol	12.73	196	141440	56.326	nq	# 95
46) 1,1'-Biphenyl	13.05	154	466568	56.305	nq	98
47) 2-Chloronaphthalene	13.10	162	384467	57.126	nq	97
48) 2-Nitroaniline	13.33	65	123230	66.932	nq	84
49) Acenaphthylene	13.95	152	582680	56.893	nq	100
50) Dimethylphthalate	13.71	163	487921	56.683	nq	99
51) 2,6-Dinitrotoluene	13.84	165	98092	52.970	nq	# 67
52) Acenaphthene	14.30	154	340868	55.163	nq	98
53) 3-Nitroaniline	14.18	138	99465	52.685	nq	96
54) 2,4-Dinitrophenol	14.40	184	53636	53.919	nq	# 67
55) Dibenzofuran	14.63	168	566545	56.203	nq	# 90
56) 4-Nitrophenol	14.50	139	66199	45.855	nq	# 51
57) 2,4-Dinitrotoluene	14.64	165	142623	55.776	nq	# 67
58) Fluorene	15.29	166	475437	57.724	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	140680	58.635	nq	# 93
60) Diethylphthalate	15.07	149	511026	60.277	nq	97
61) 4-Chlorophenyl-phenylether	15.29	204	304158	65.368	nq	98
62) 4-Nitroaniline	15.36	138	91634	46.245	nq	# 54
63) Azobenzene	15.58	77	494629	71.127	nq	83
65) 4,6-Dinitro-2-methylphenol	15.42	198	73404	63.546	nq	90
66) n-Nitrosodiphenylamine	15.52	169	375946	63.664	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	174373	69.916	nq	# 91
68) Hexachlorobenzene	16.29	284	200146	67.176	nq	# 87
69) Atrazine	16.47	200	129333	67.352	nq	98
70) Pentachlorophenol	16.64	266	98827	61.563	nq	98
71) Phenanthrene	17.03	178	667977	61.866	nq	99
72) Anthracene	17.13	178	659688	61.680	nq	99
73) Carbazole	17.42	167	549957	58.155	nq	98
74) Di-n-butylphthalate	17.96	149	823744	71.155	nq	# 98
75) Fluoranthene	19.06	202	785861	63.028	nq	99
77) Benzidine	19.27	184	238477	44.777	nq	99
78) Pyrene	19.43	202	796072	59.848	nq	99
80) Butylbenzylphthalate	20.33	149	353973	66.765	nq	# 86
81) Benzo(a)anthracene	21.19	228	797577	63.793	nq	99
82) 3,3'-Dichlorobenzidine	21.13	252	280051	59.139	nq	99
83) Chrysene	21.24	228	768443	64.519	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	532191	70.528	nq	94
85) Di-n-octyl phthalate	21.97	149	870083	73.319	nq	# 93
86) Indeno(1,2,3-cd)pyrene	25.61	276	867925	65.857	nq	96
88) Benzo(b)fluoranthene	22.79	252	718105	58.628	nq	98
89) Benzo(k)fluoranthene	22.79	252	734748	62.056	nq	99
90) Benzo(a)pyrene	23.30	252	675560	61.125	nq	99
91) Dibenzo(a,h)anthracene	25.61	278	730431	66.289	nq	# 98
92) Benzo(g,h,i)perylene	26.27	276	632259	61.531	nq	99

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

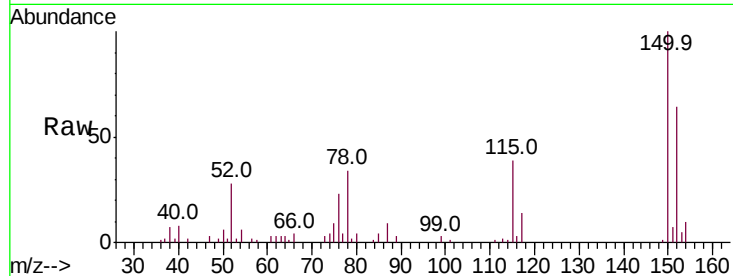


#1

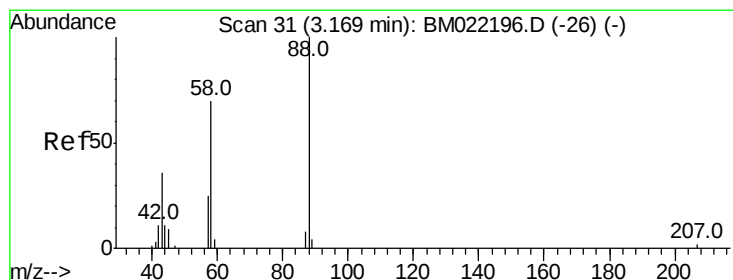
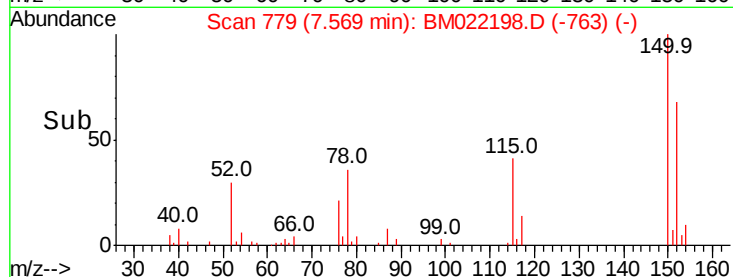
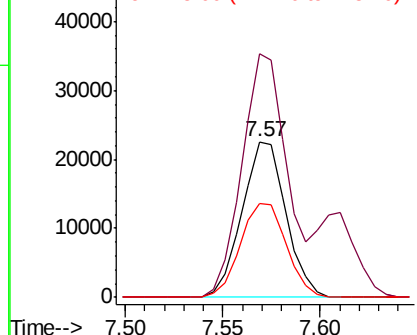
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 35072
Ion Ratio Lower Upper
152 100
150 156.6 123.1 184.7
115 60.3 44.2 66.4



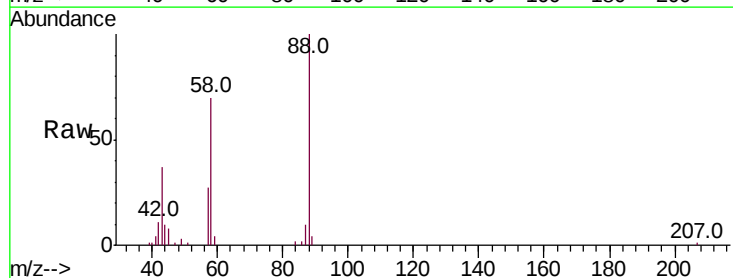
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



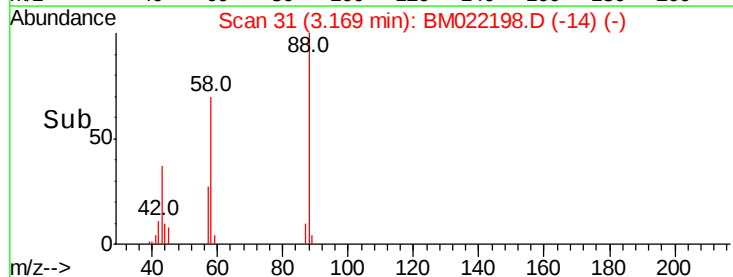
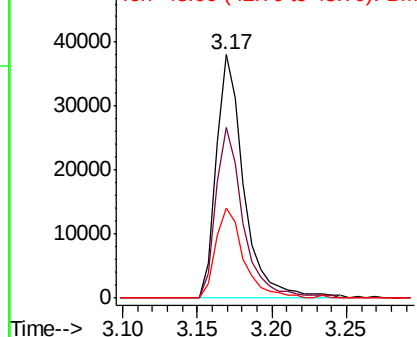
#2

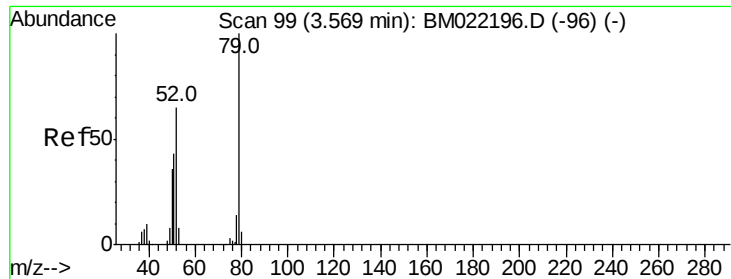
1,4-Dioxane
Concen: 67.551 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion: 88 Resp: 49294
Ion Ratio Lower Upper
88 100
58 69.4 51.9 77.9
43 37.4 21.4 32.2#



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

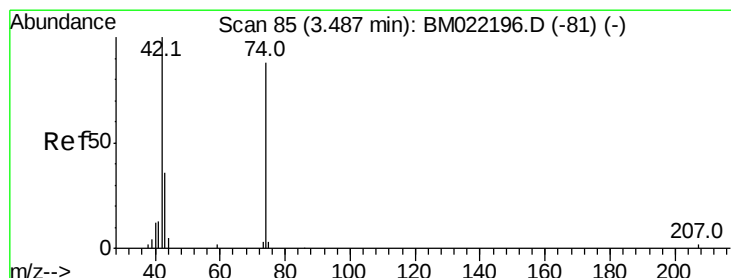
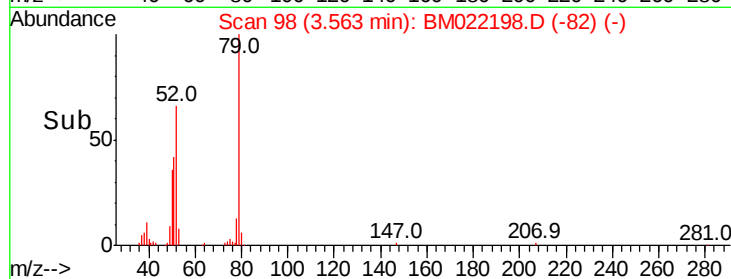
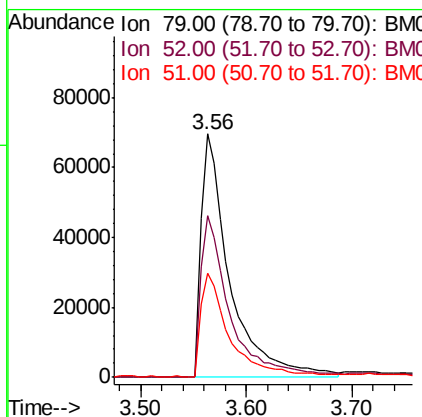
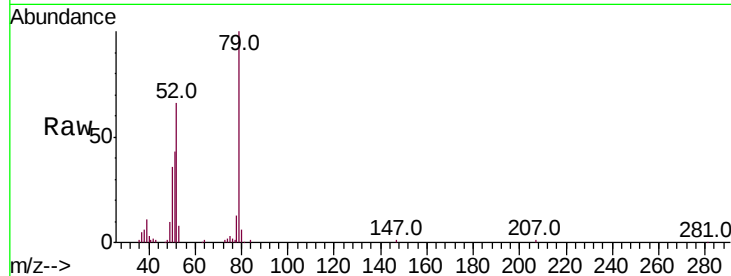




#3
Pvridine
Concen: 62.580 ng
RT: 3.56 min Scan# 98
Delta R.T. -0.01 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

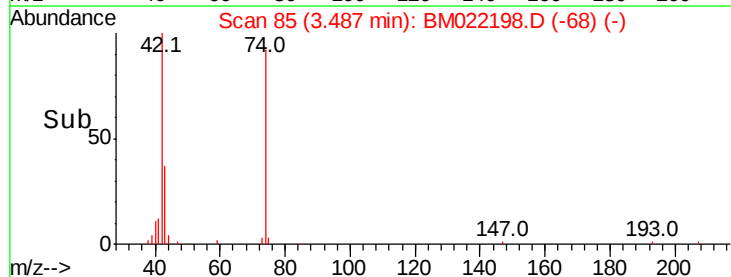
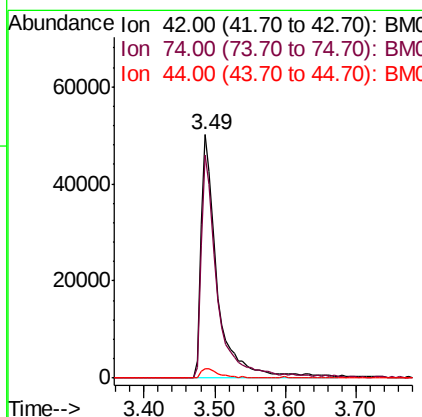
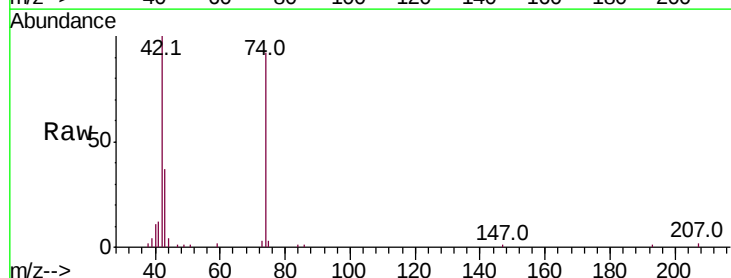
Instrument :
BNA_M
ClientSampleId :

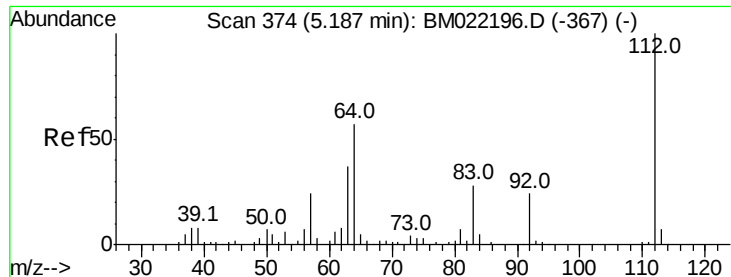
Tot Ion: 79 Resp: 131320
Ion Ratio Lower Upper
79 100
52 66.3 48.8 73.2
51 42.6 25.7 38.5#



#4
n-Nitrosodimethylamine
Concen: 101.026 ng
RT: 3.49 min Scan# 85
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion: 42 Resp: 81629
Ion Ratio Lower Upper
42 100
74 91.5 113.8 170.6#
44 4.0 8.2 12.2#





#5

2-Fluorophenol

Concen: 122.842 ng

RT: 5.19 min Scan# 374

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

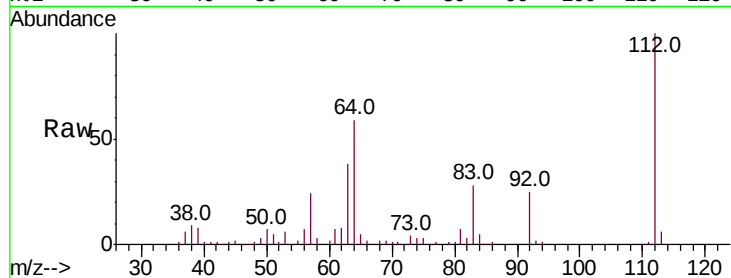
Tot Ion:112 Resp: 237933

Ion Ratio Lower Upper

112 100

64 58.7 45.2 67.8

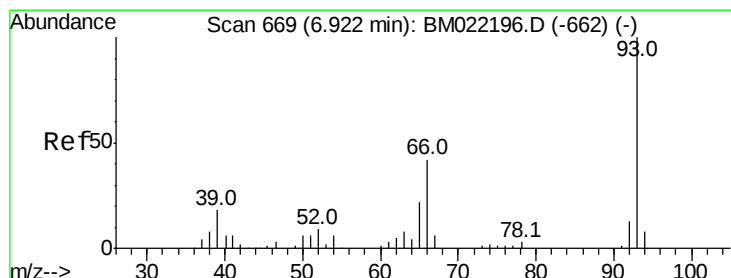
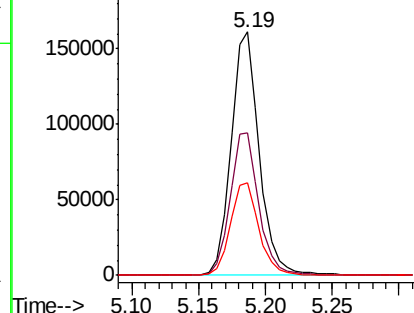
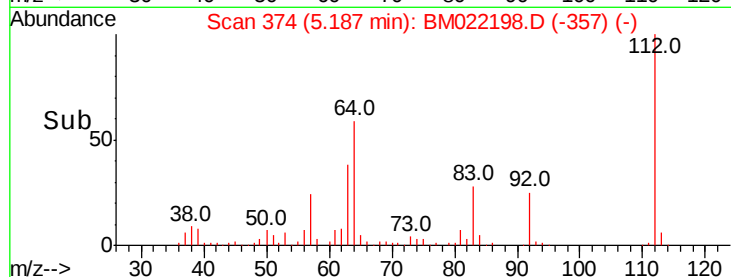
63 37.8 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 58.372 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

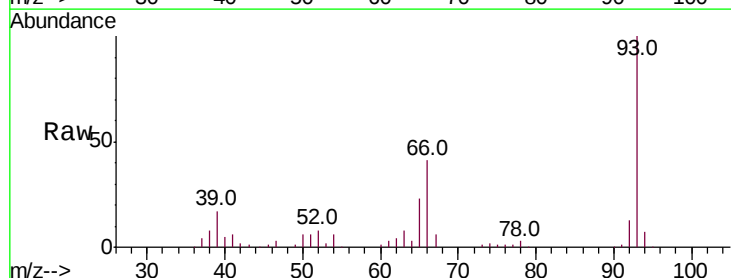
Tgt Ion: 93 Resp: 219286

Ion Ratio Lower Upper

93 100

66 41.5 31.3 46.9

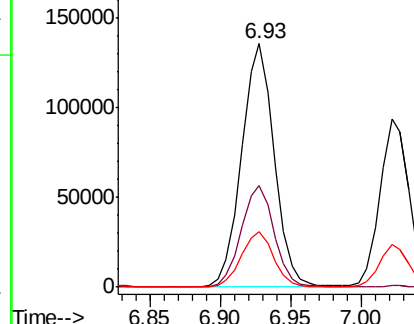
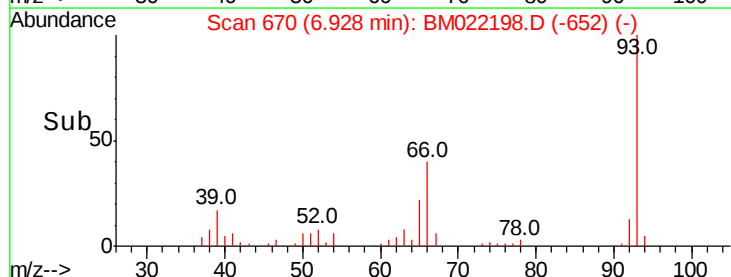
65 22.9 15.9 23.9

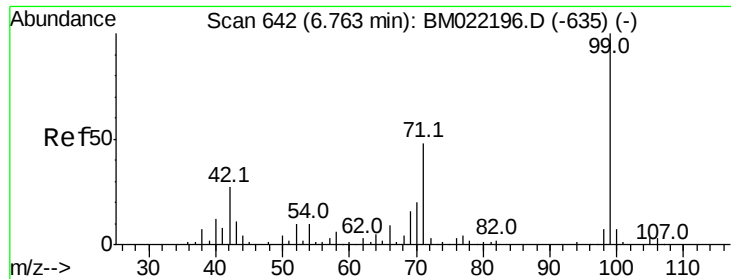


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 115.200 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

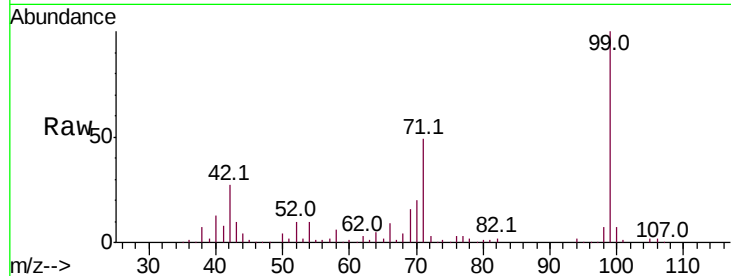
Tot Ion: 99 Resp: 324938

Ion Ratio Lower Upper

99 100

42 26.9 13.5 20.3#

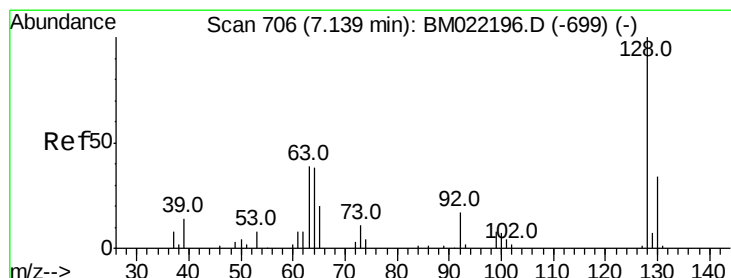
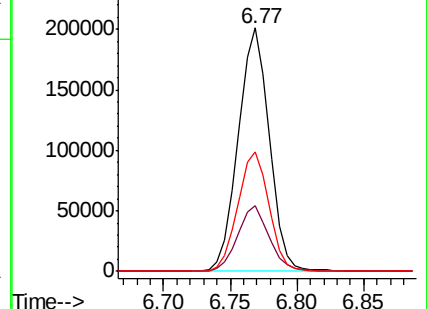
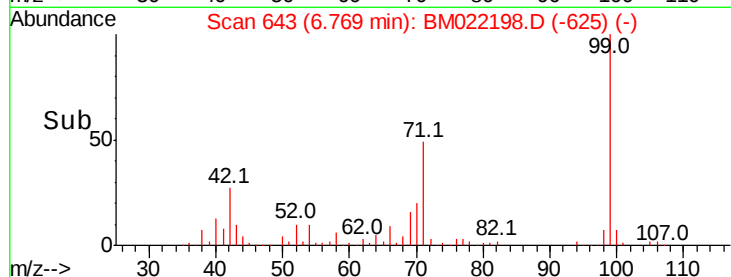
71 48.9 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022198.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022198.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022198.D (-625) (-)



#8

2-Chlorophenol

Concen: 60.074 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

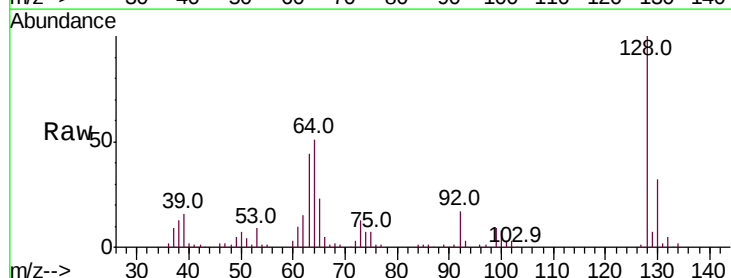
Tgt Ion: 128 Resp: 143204

Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

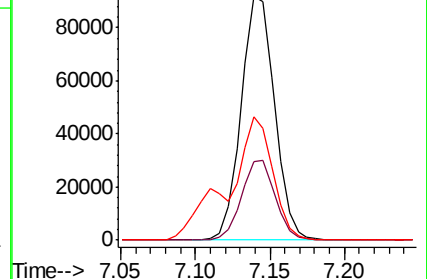
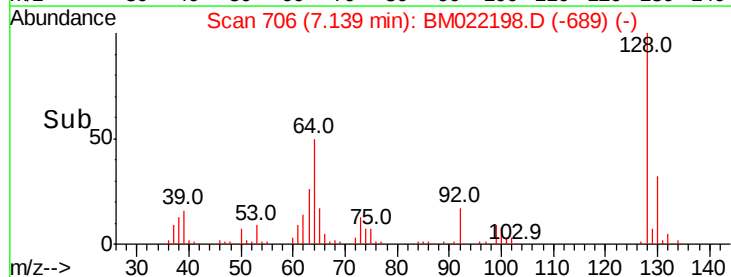
64 50.5 23.2 63.2

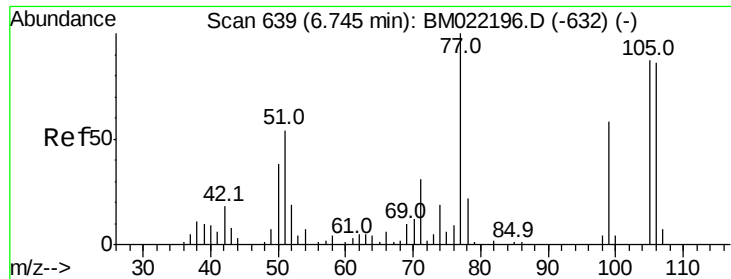


Abundance Ion 128.00 (127.70 to 128.70): BM022198.D (-689) (-)

Ion 130.00 (129.70 to 130.70): BM022198.D (-689) (-)

Ion 64.00 (63.70 to 64.70): BM022198.D (-689) (-)

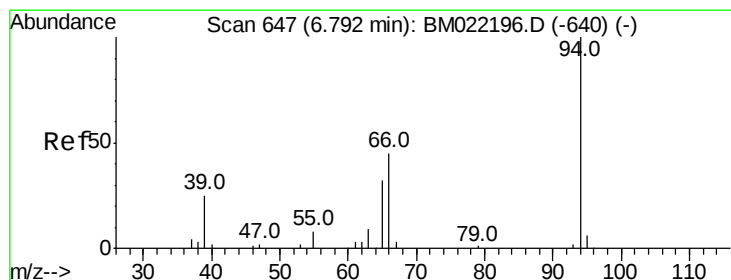
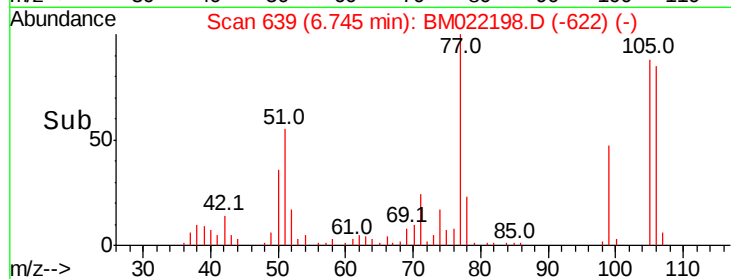
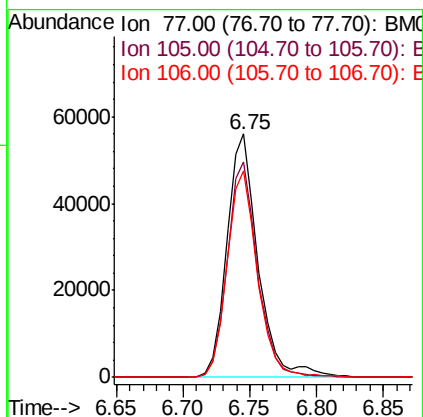
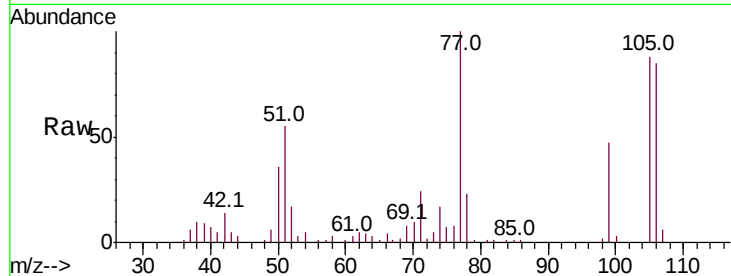




#9
Benzaldehyde
Concen: 61.177 ng
RT: 6.75 min Scan# 639
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

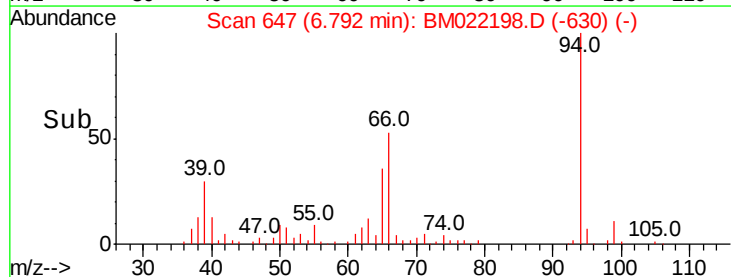
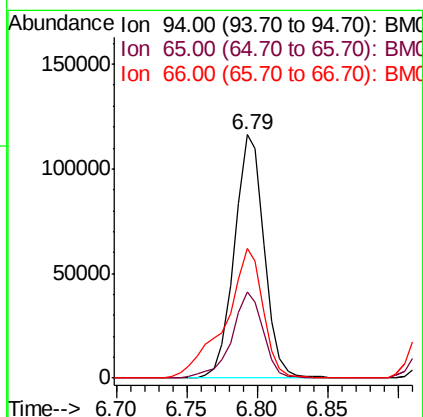
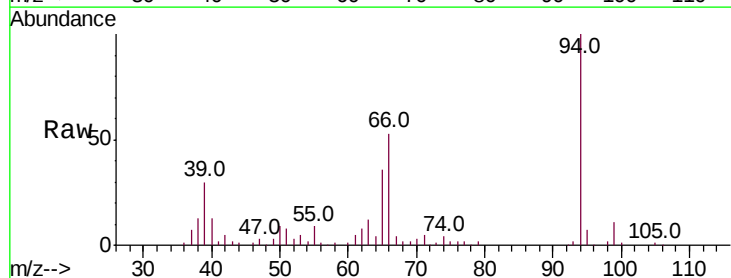
Instrument :
BNA_M
ClientSampleId :

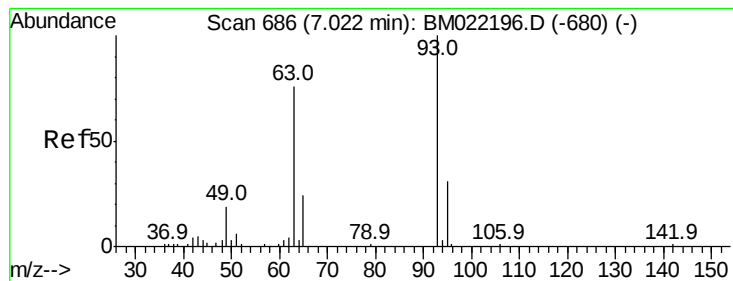
Tot Ion	Ratio	Lower	Upper
77	100		
105	88.5	77.8	117.8
106	84.9	71.8	111.8



#10
Phenol
Concen: 59.202 ng
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	8.7	48.7
66	53.3	19.0	59.0





#11

bis(2-Chloroethyl)ether

Concen: 58.389 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

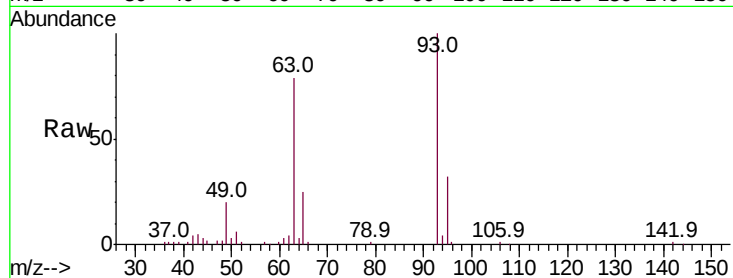
Tot Ion: 93 Resp: 133209

Ion Ratio Lower Upper

93 100

63 78.9 53.4 93.4

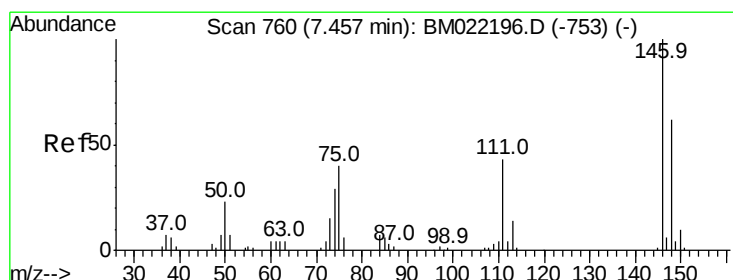
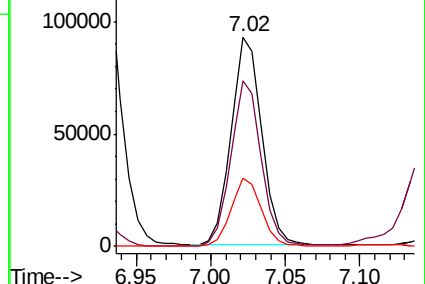
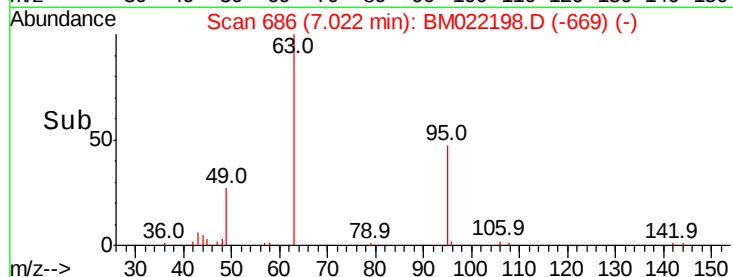
95 32.4 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BM022196.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BM022196.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM022196.D (-680) (-)



#12

1,3-Dichlorobenzene

Concen: 59.925 ng

RT: 7.46 min Scan# 760

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

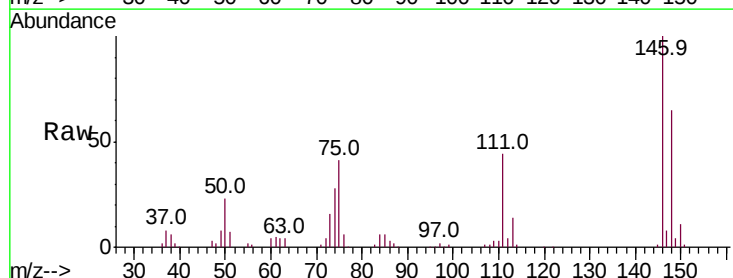
Tgt Ion: 146 Resp: 173065

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

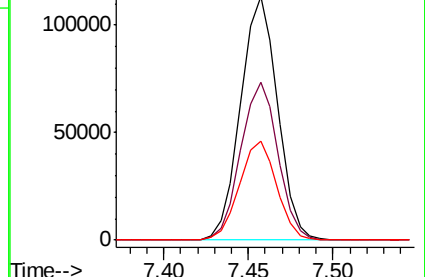
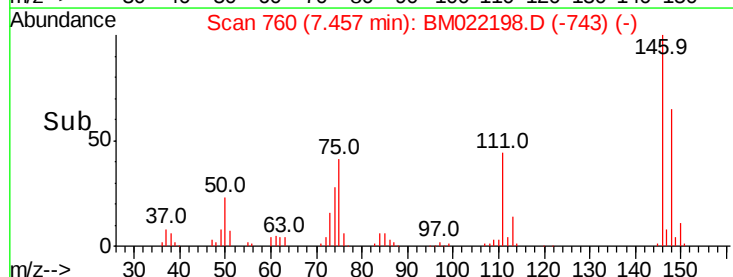
75 40.5 22.2 33.4#

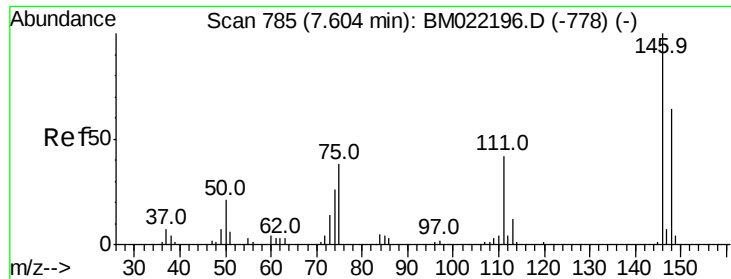


Abundance Ion 146.00 (145.70 to 146.70): BM022196.D (-753) (-)

Ion 148.00 (147.70 to 148.70): BM022196.D (-753) (-)

Ion 75.00 (74.70 to 75.70): BM022196.D (-753) (-)

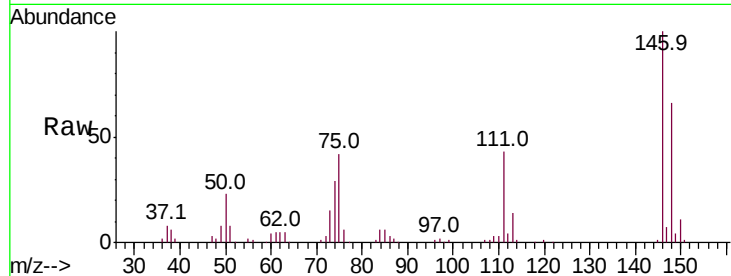




#13
 1,4-Dichlorobenzene
 Concen: 60.036 ng
 RT: 7.60 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	42.6	31.4	47.0

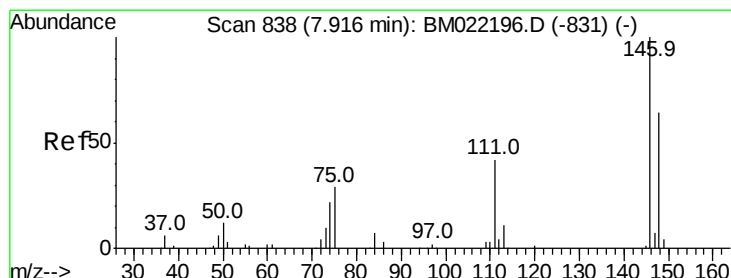
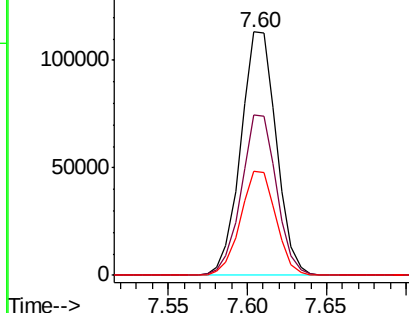
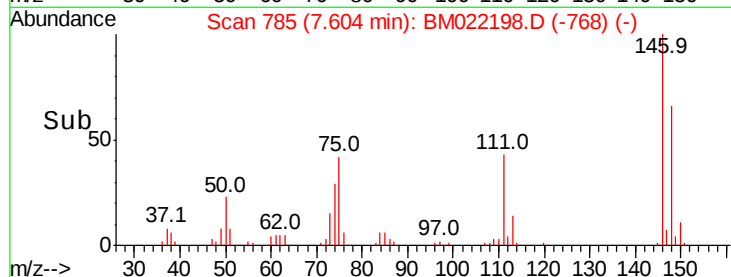


Abundance

Ion 146.00 (145.70 to 146.70): E

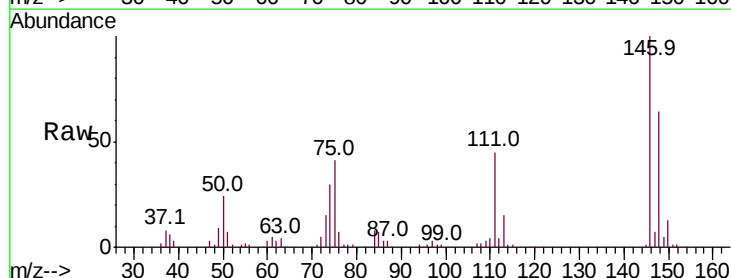
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 60.066 ng
 RT: 7.92 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	45.1	32.8	49.2

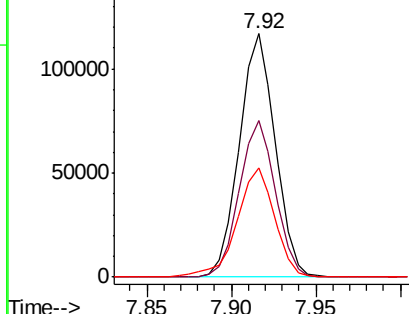
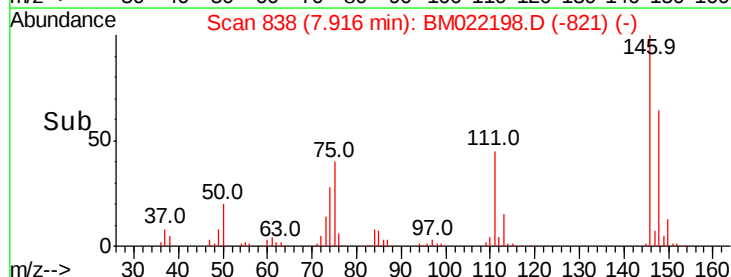


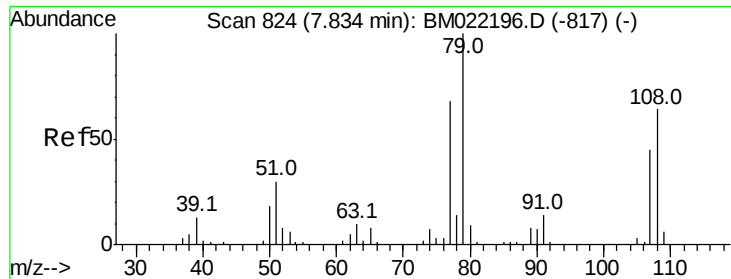
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 63.327 ng

RT: 7.83 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

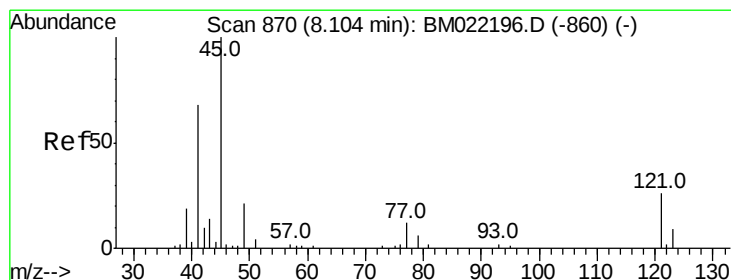
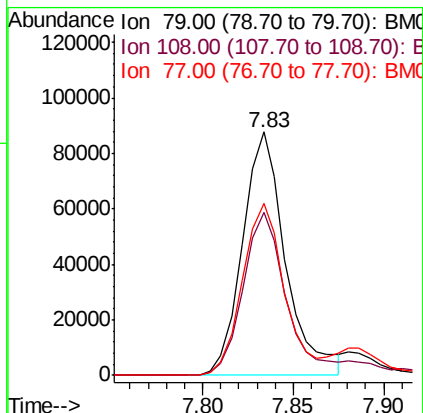
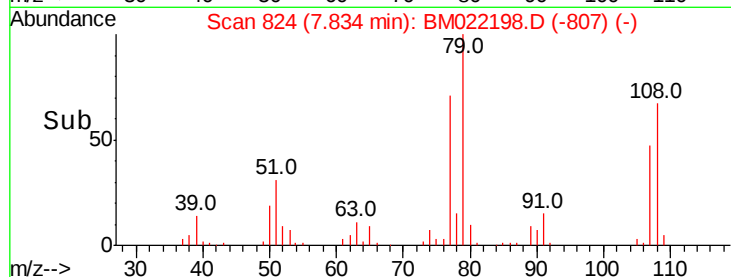
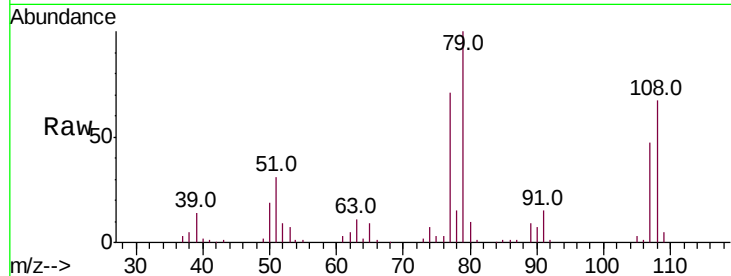
Tot Ion: 79 Resp: 144627

Ion Ratio Lower Upper

79 100

108 67.0 58.4 87.6

77 70.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.987 ng

RT: 8.10 min Scan# 870

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

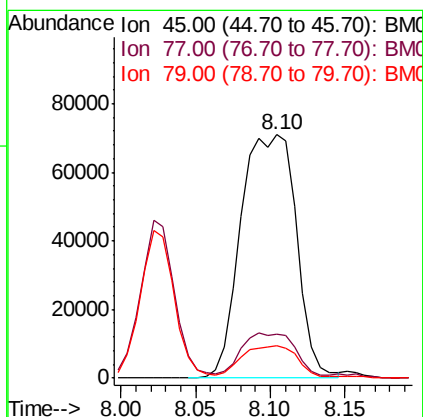
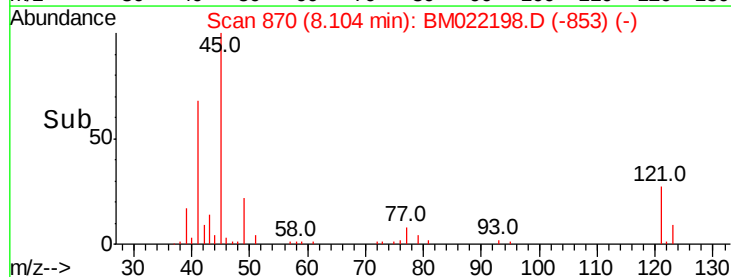
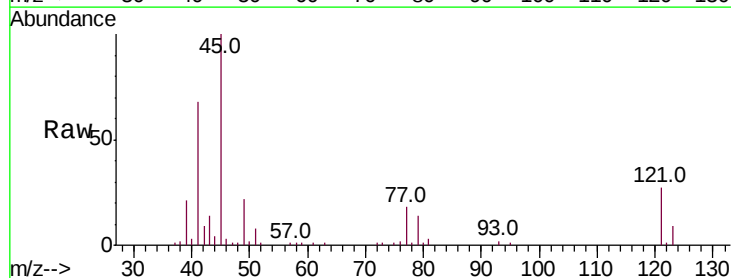
Tgt Ion: 45 Resp: 182918

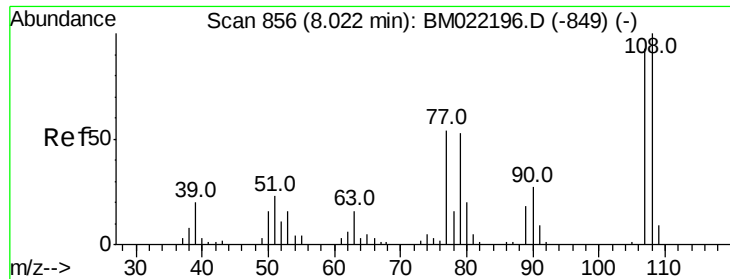
Ion Ratio Lower Upper

45 100

77 18.1 0.0 37.5

79 13.5 0.0 33.5

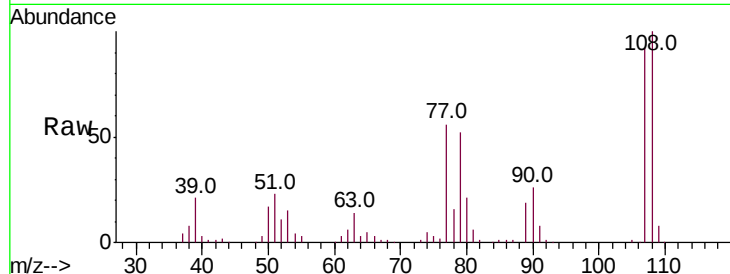




#17
2-Methylphenol
Concen: 59.469 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.5	131.3
77	60.4	37.8	56.8#
79	56.4	37.5	56.3#



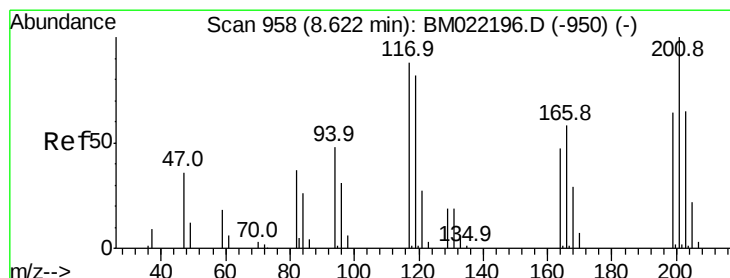
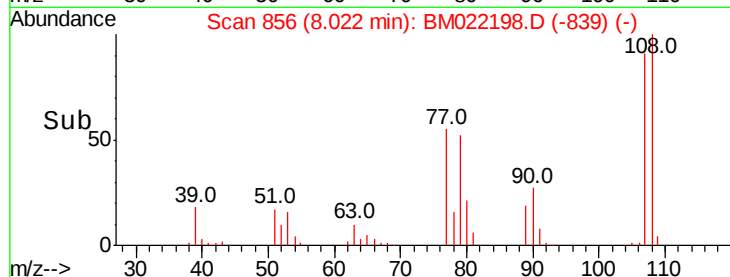
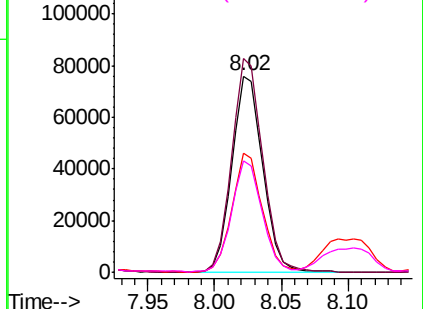
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

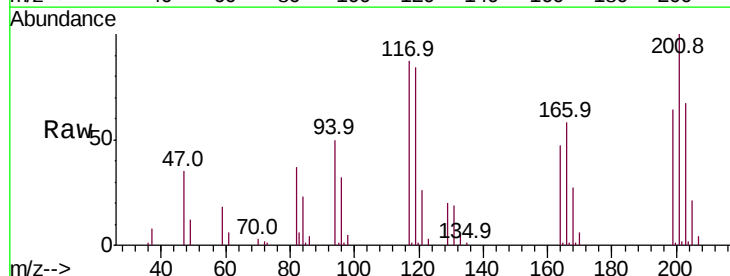
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 73.788 ng
RT: 8.62 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	114.9	102.3	153.5

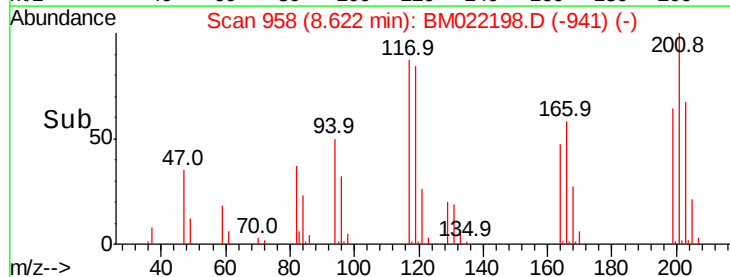
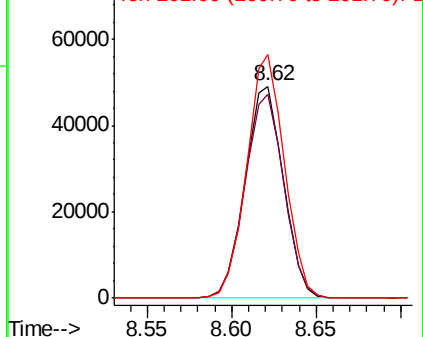


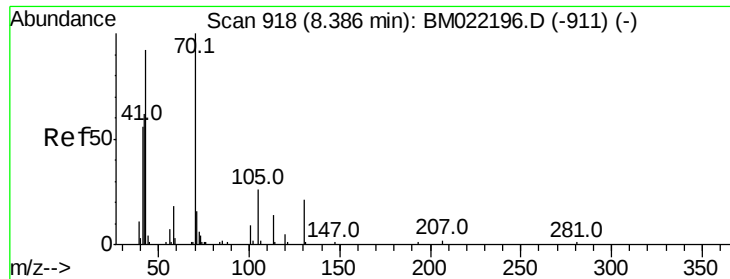
Abundance

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: 61.670 ng

RT: 8.39 min Scan# 919

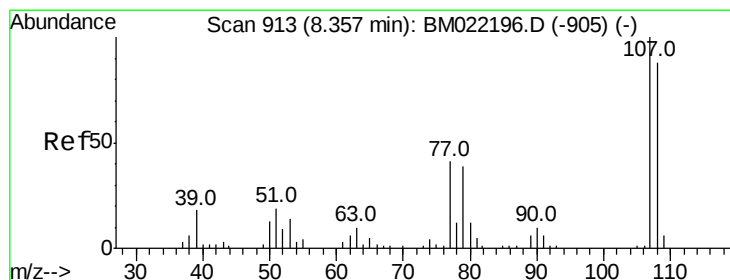
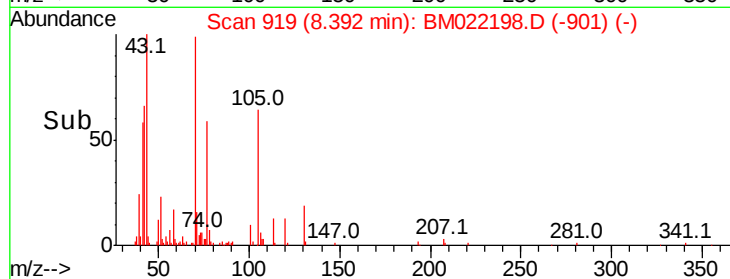
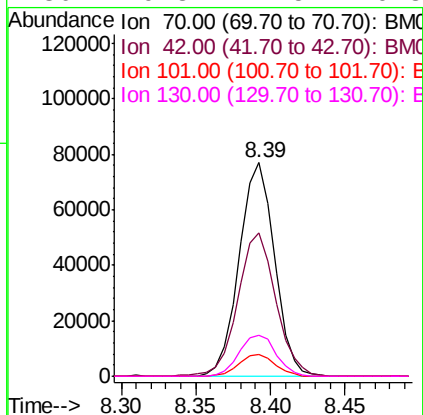
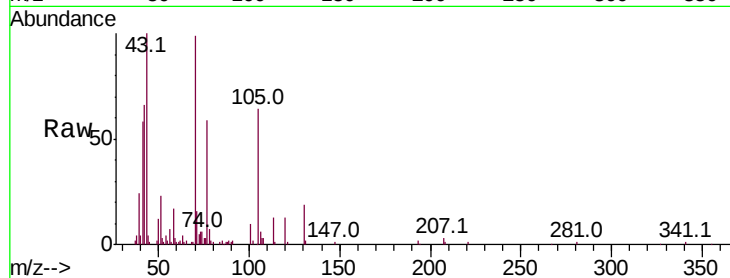
Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.1	41.9	62.9	
101	10.1	8.1	12.1	
130	19.3	17.5	26.3	



#20

3+4-Methylphenols

Concen: 58.945 ng

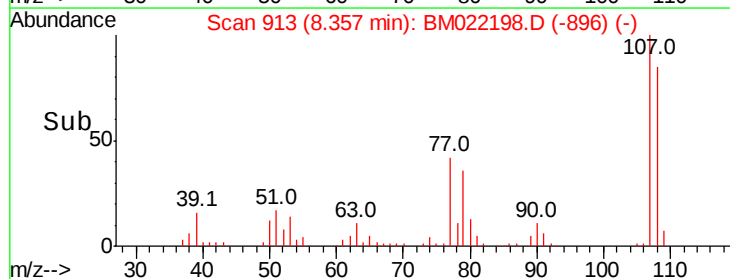
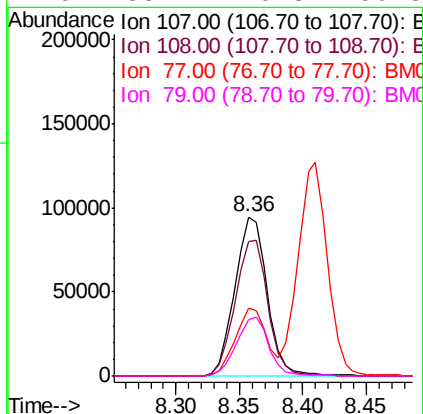
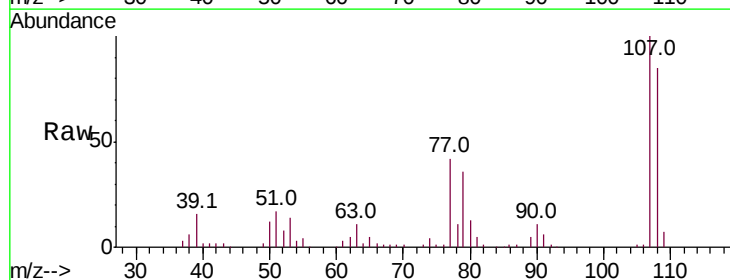
RT: 8.36 min Scan# 913

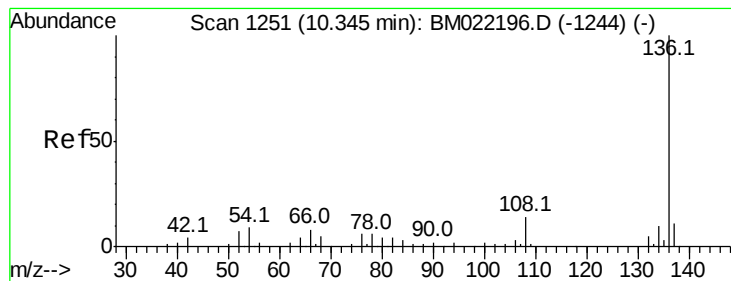
Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	67.9	107.9	
77	42.4	14.6	54.6	
79	35.7	10.8	50.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 151126

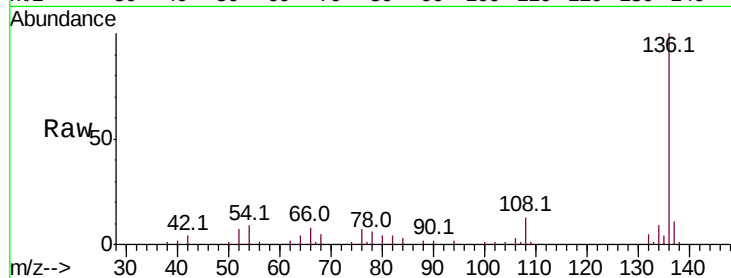
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.6 5.3 7.9#

68 4.9 4.4 6.6

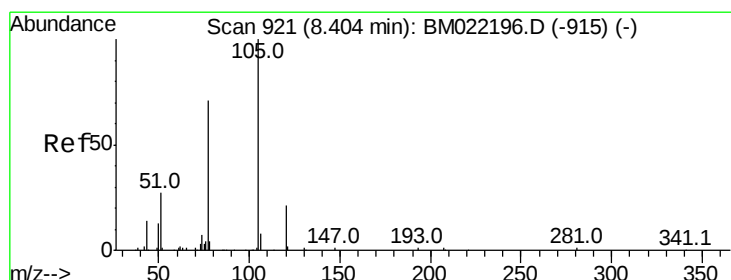
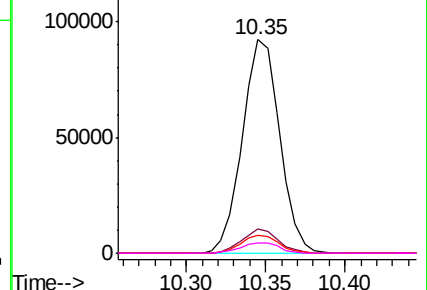
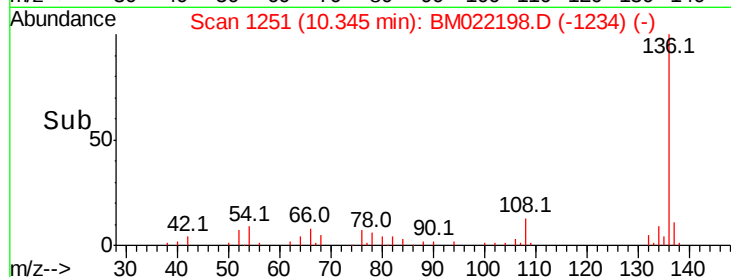


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 62.471 ng

RT: 8.41 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Tgt Ion:105 Resp: 240585

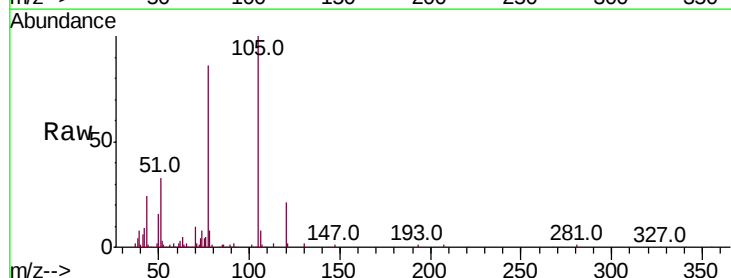
Ion Ratio Lower Upper

105 100

71 1.8 1.2 1.8#

51 32.7 19.1 28.7#

120 21.4 17.9 26.9

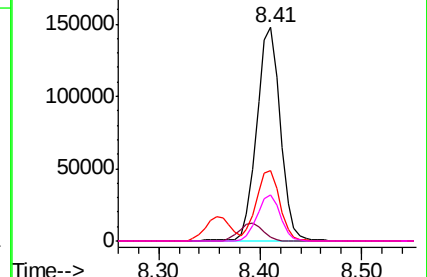
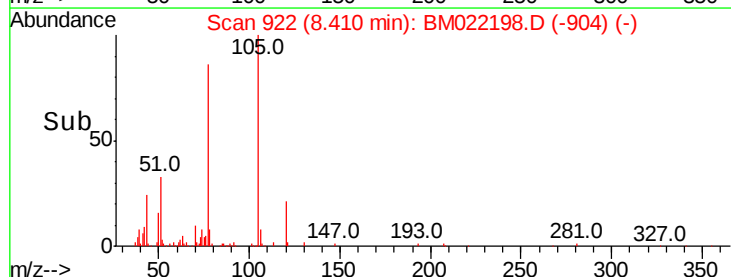


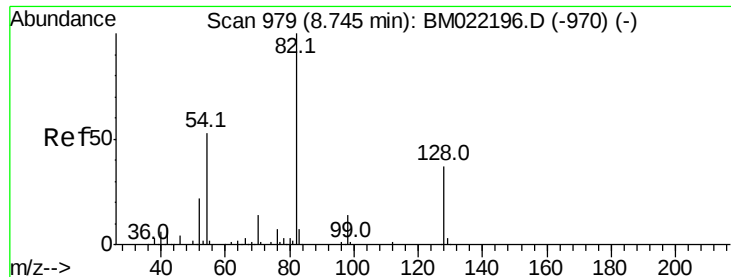
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

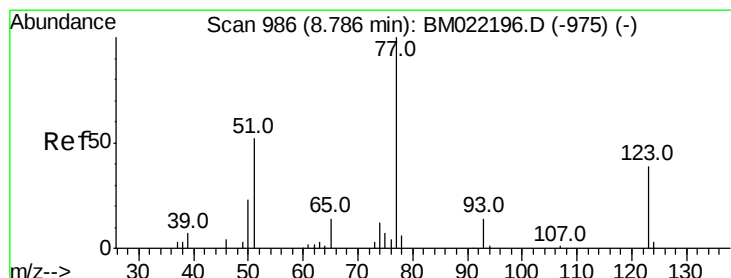
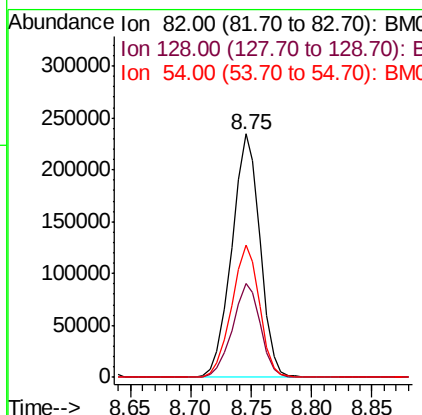
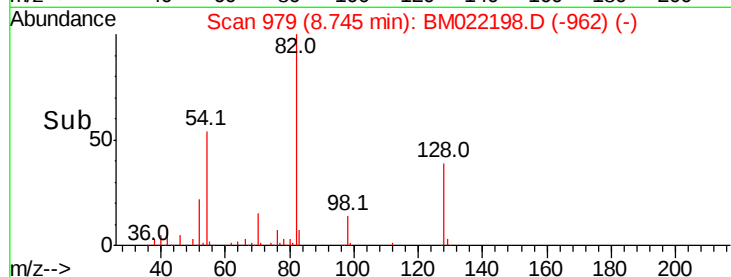
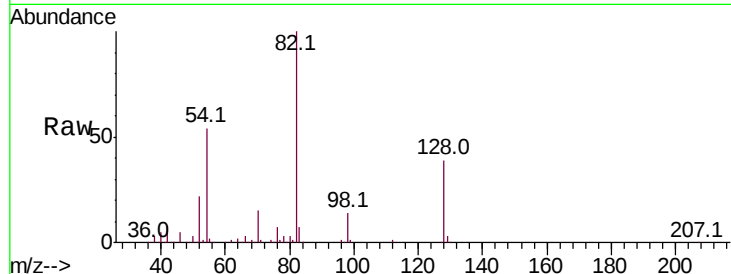




#23
Nitrobenzene-d5
Concen: 132.153 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

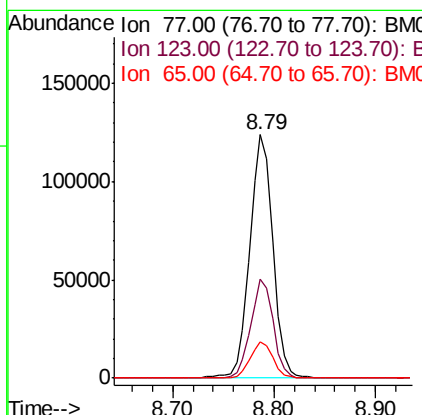
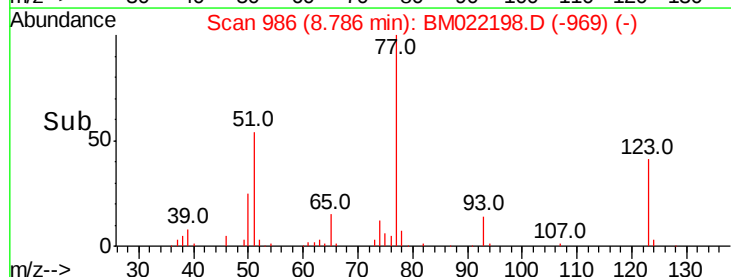
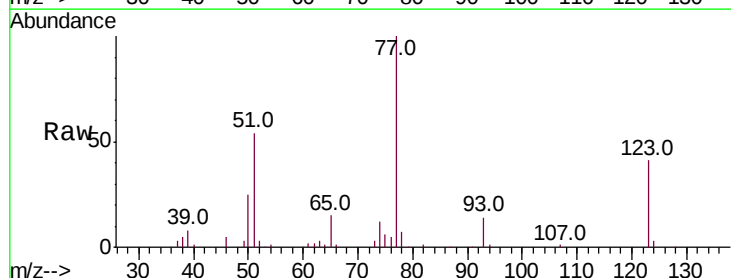
Instrument :
BNA_M
ClientSampleId :

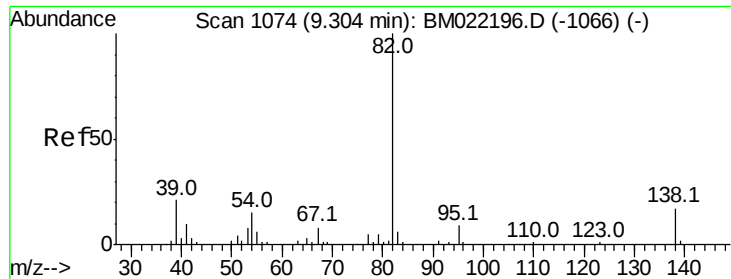
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	35.9	53.9
54	54.2	36.6	55.0



#24
Nitrobenzene
Concen: 68.070 ng
RT: 8.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	36.3	54.5
65	14.9	10.6	16.0





#25

Isophorone

Concen: 62.076 ng

RT: 9.31 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

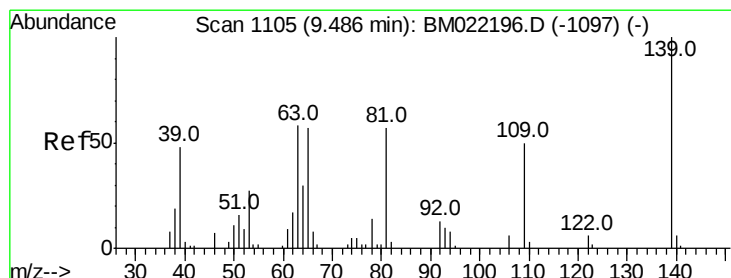
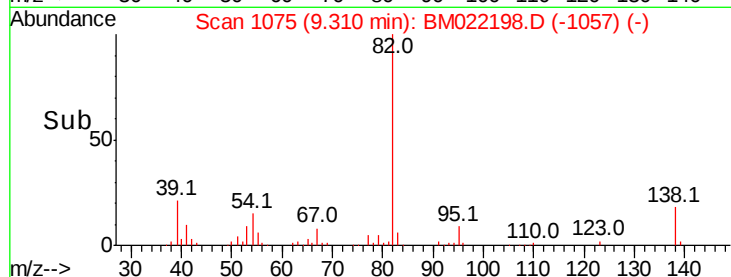
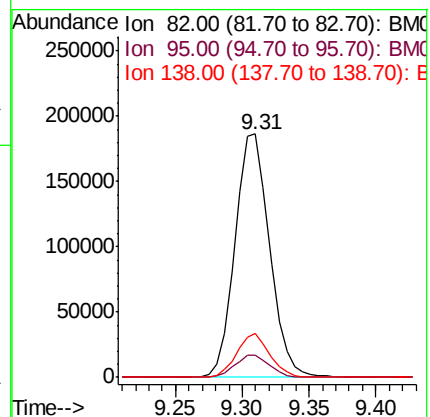
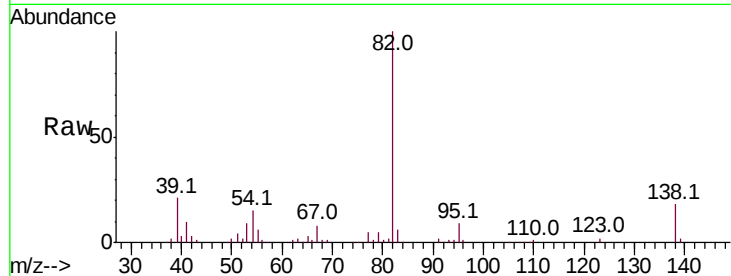
Tot Ion: 82 Resp: 336806

Ion Ratio Lower Upper

82 100

95 9.1 6.1 9.1

138 17.9 15.0 22.6



#26

2-Nitrophenol

Concen: 59.516 ng

RT: 9.49 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

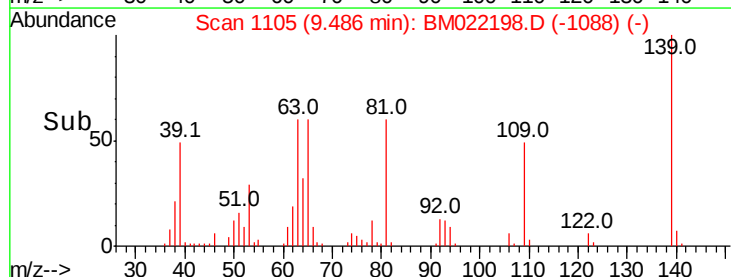
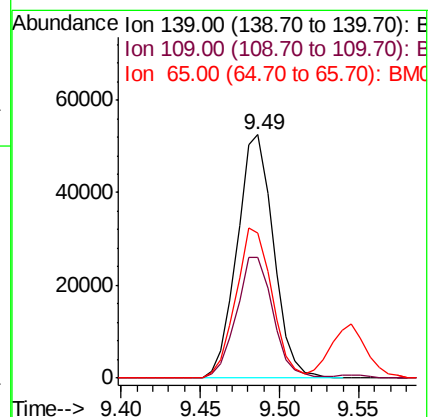
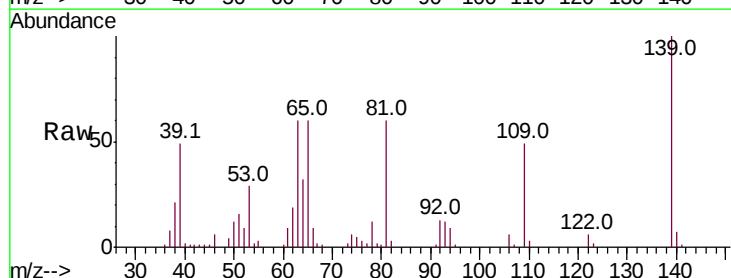
Tgt Ion: 139 Resp: 83709

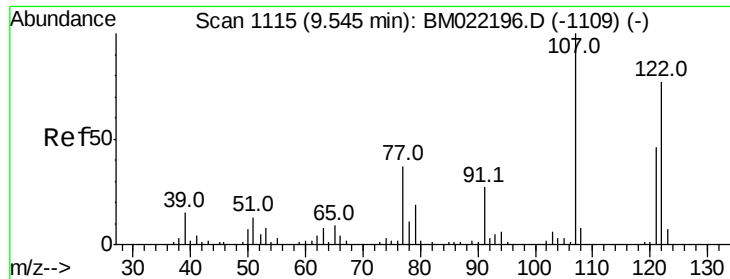
Ion Ratio Lower Upper

139 100

109 49.5 25.2 37.8#

65 59.8 37.4 56.0#

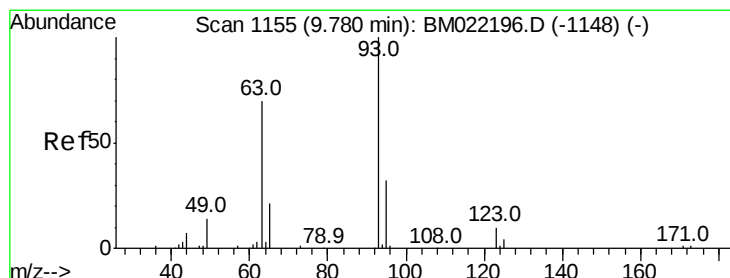
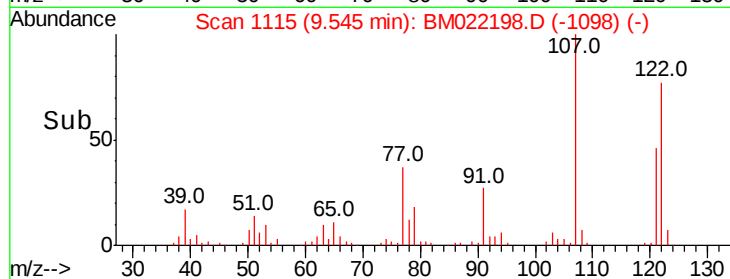
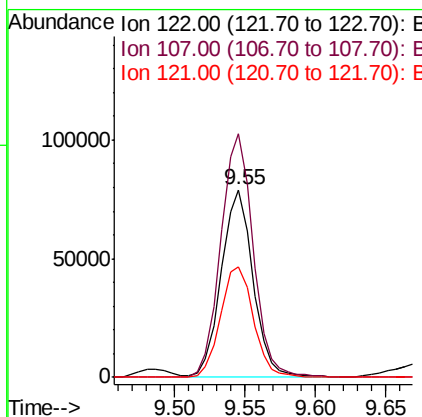
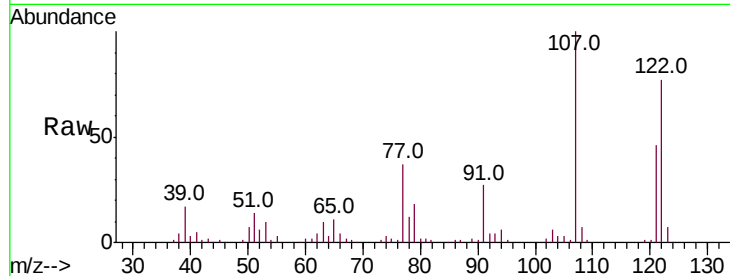




#27
 2,4-Dimethylphenol
 Concen: 60.390 ng
 RT: 9.55 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

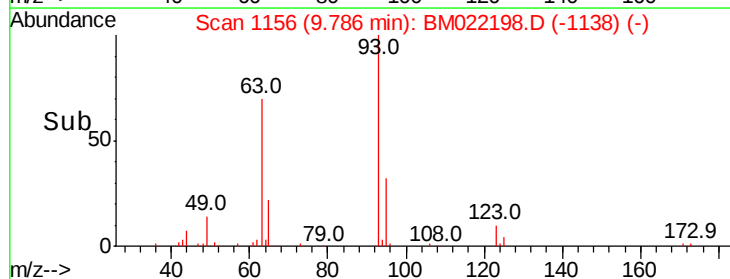
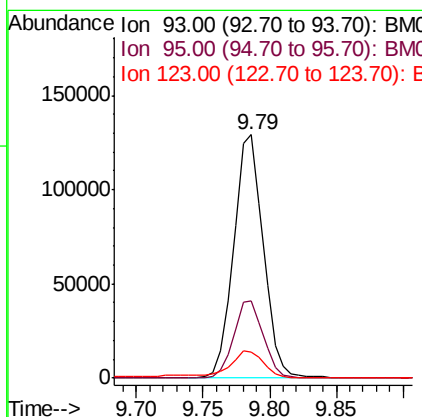
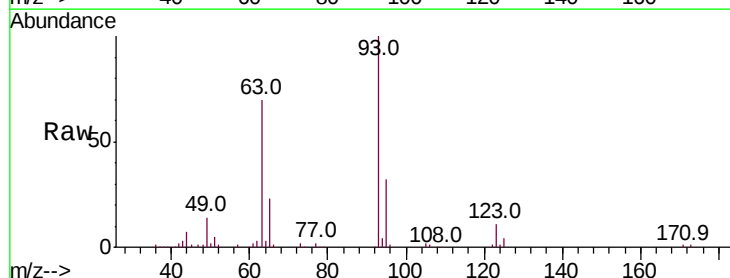
Instrument :
 BNA_M
 ClientSampleId :

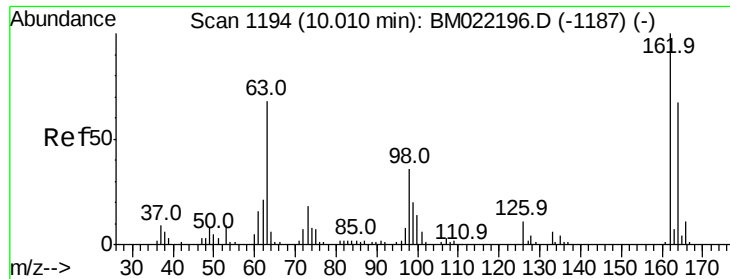
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.9	95.3	142.9
121	59.2	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.328 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.2	39.2
123	10.9	9.0	13.4

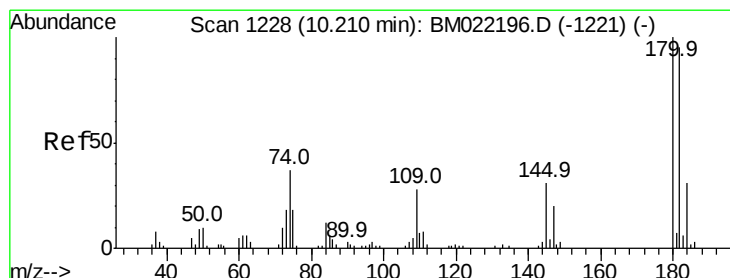
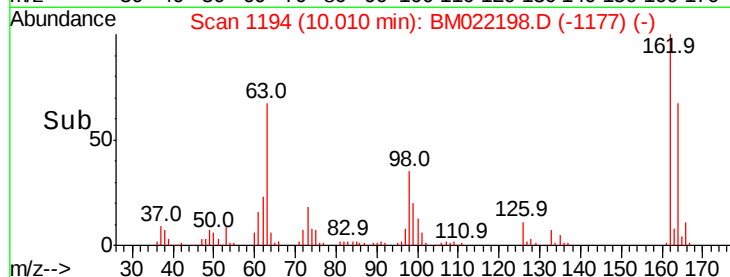
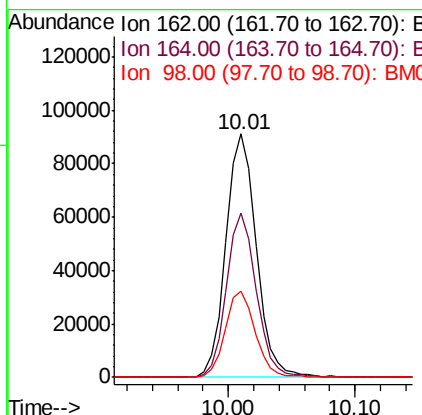
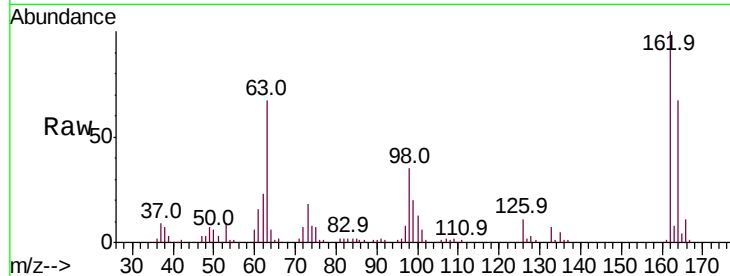




#29
2,4-Dichlorophenol
Concen: 57.019 ng
RT: 10.01 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

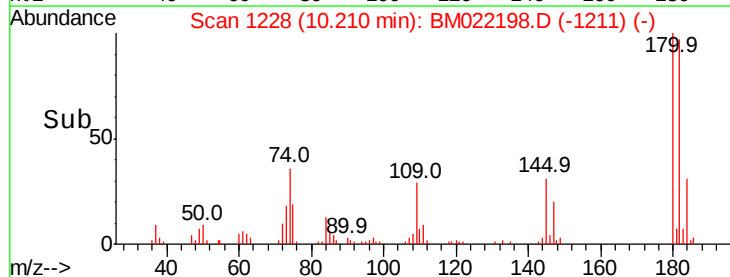
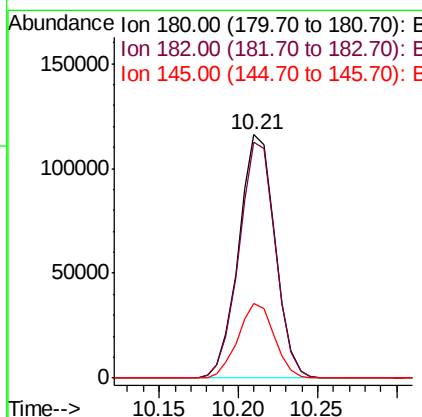
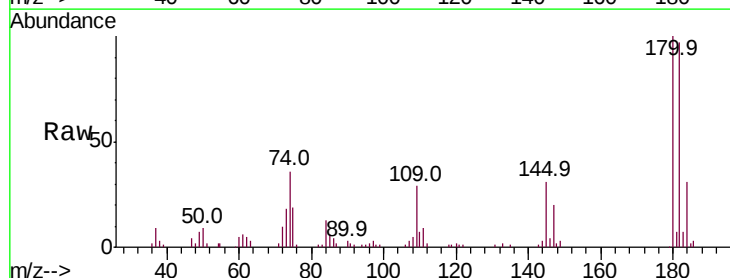
Instrument :
BNA_M
ClientSampleId :

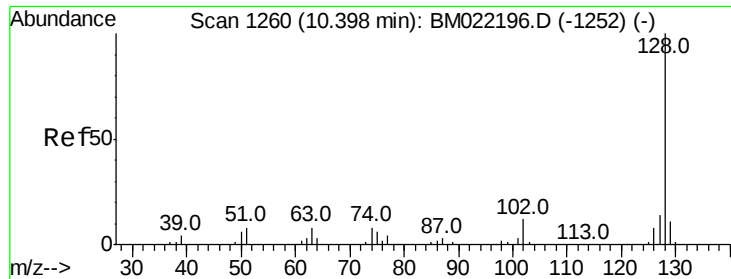
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	43.7	83.7
98	35.2	13.4	53.4



#30
1,2,4-Trichlorobenzene
Concen: 59.016 ng
RT: 10.21 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
145	30.9	23.4	35.0

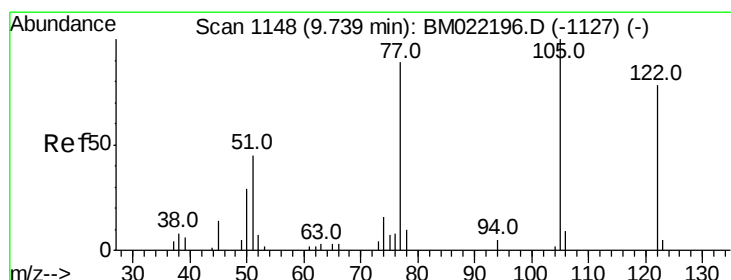
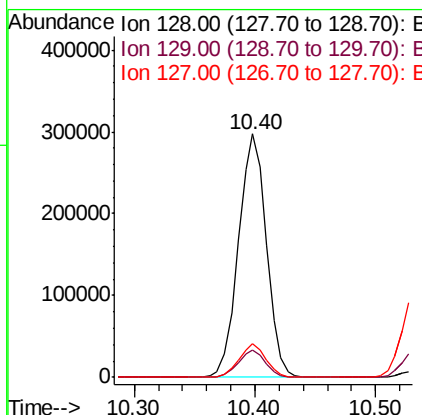
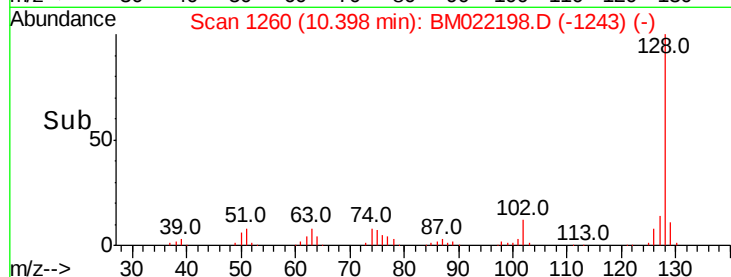
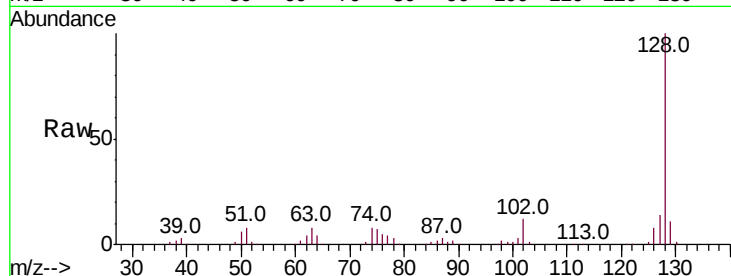




#31
Naphthalene
Concen: 59.827 ng
RT: 10.40 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

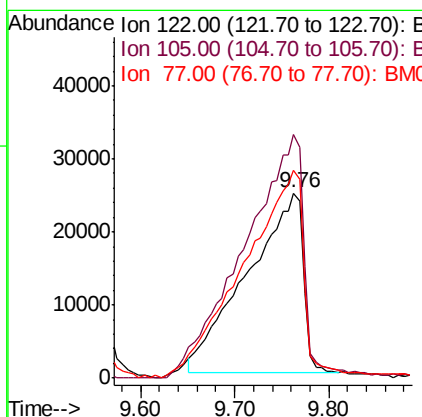
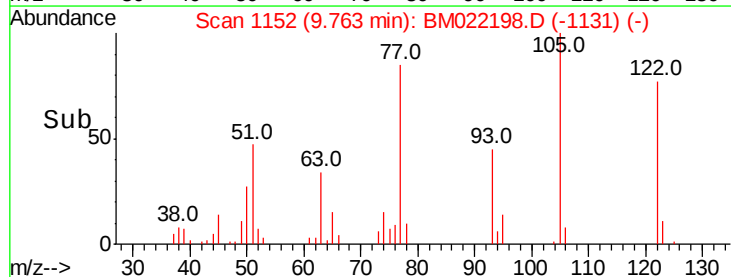
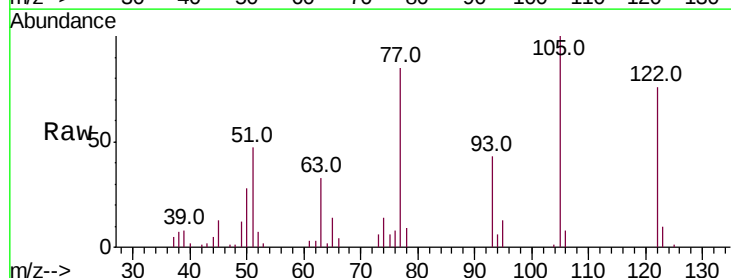
Instrument :
BNA_M
ClientSampleId :

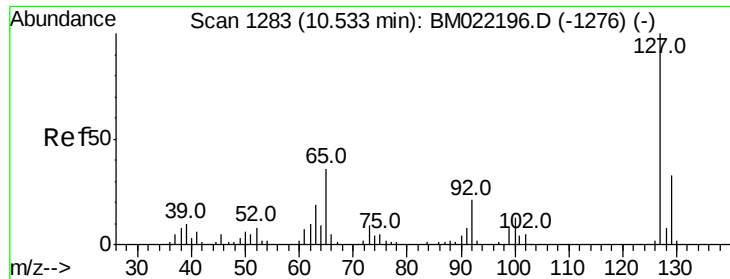
Tot Ion:128 Resp: 478472
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 60.792 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.02 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion:122 Resp: 100889
Ion Ratio Lower Upper
122 100
105 131.5 108.9 148.9
77 112.4 76.7 116.7

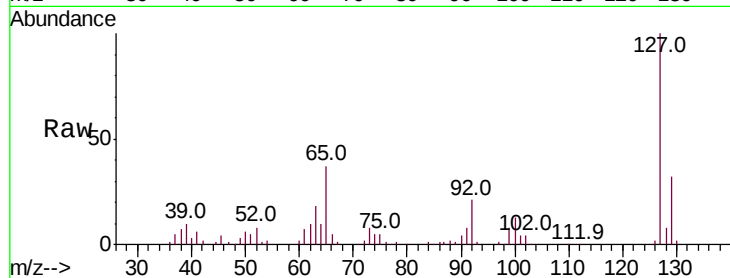




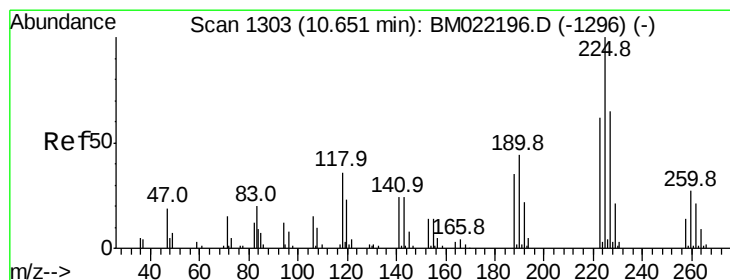
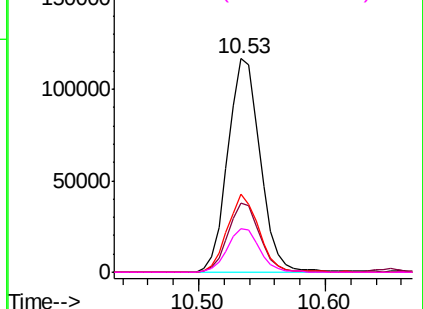
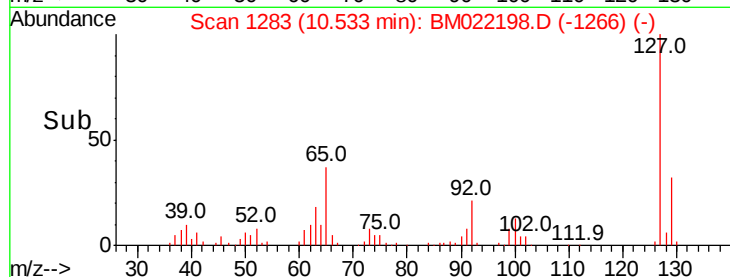
#33
4-Chloroaniline
Concen: 56.866 ng
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	206458
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.1	37.7
65	36.7	23.8	35.8#
92	20.5	15.7	23.5

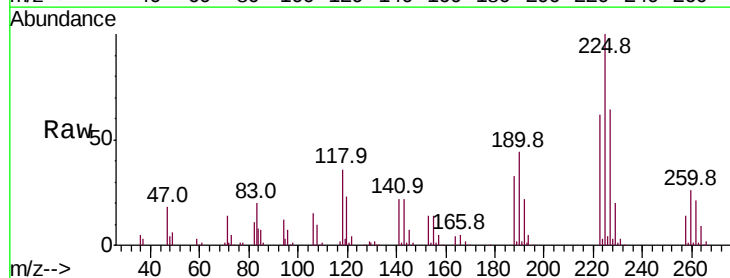


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

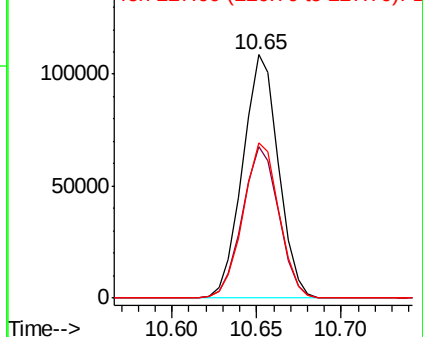
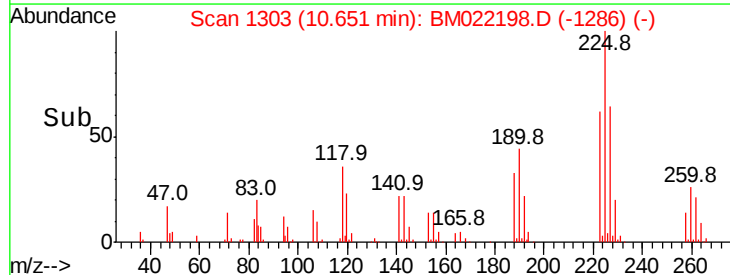


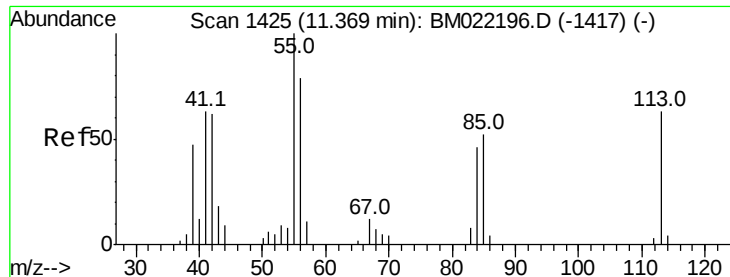
#34
Hexachlorobutadiene
Concen: 81.420 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion:	225	Resp:	160897
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.6	74.4
227	64.0	50.4	75.6



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





#35

Caprolactam

Concen: 43.903 ng

RT: 11.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

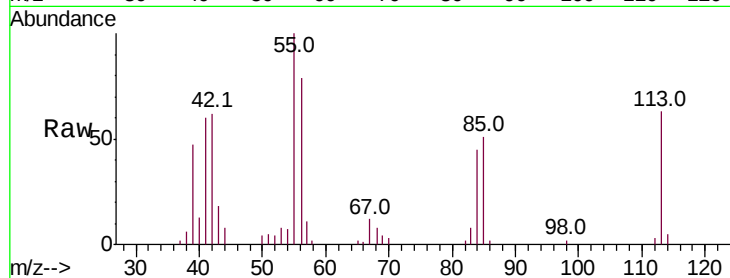
Tot Ion:113 Resp: 36459

Ion Ratio Lower Upper

113 100

55 158.4 129.8 169.8

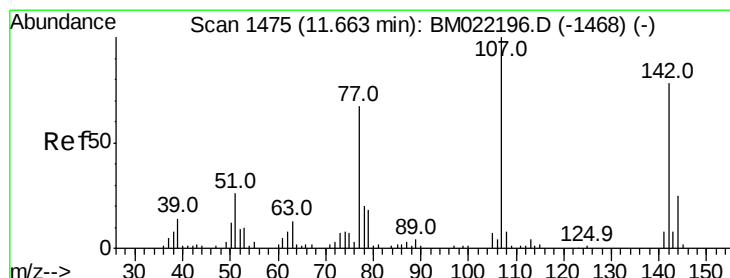
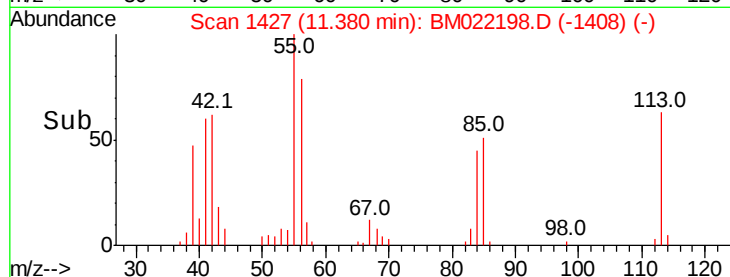
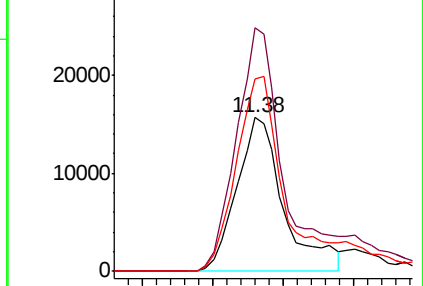
56 125.0 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 58.791 ng

RT: 11.67 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

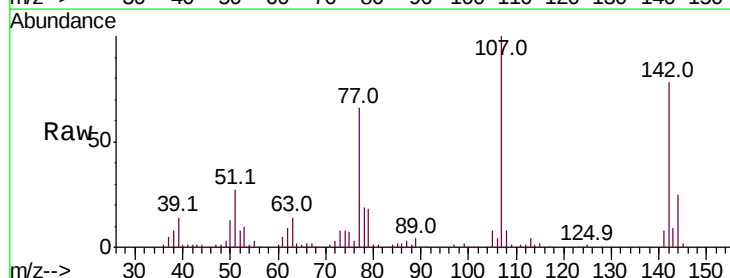
Tgt Ion:107 Resp: 158833

Ion Ratio Lower Upper

107 100

144 25.0 21.3 31.9

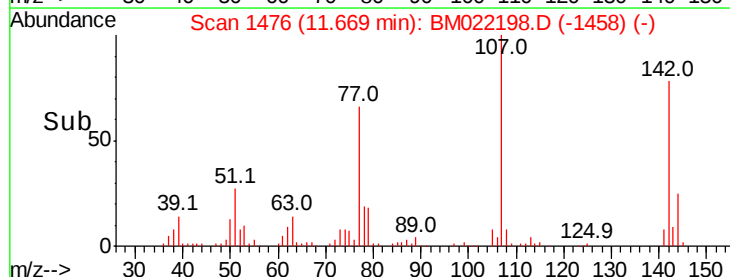
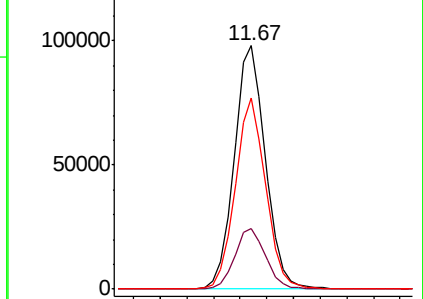
142 78.4 64.9 97.3

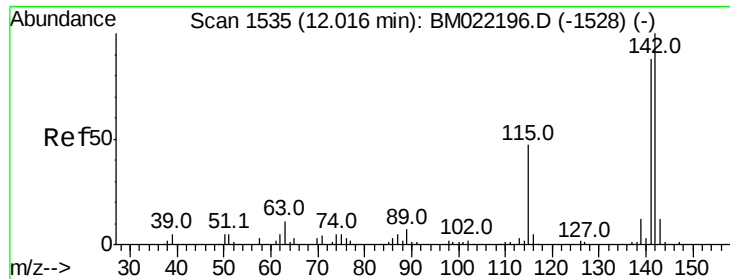


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

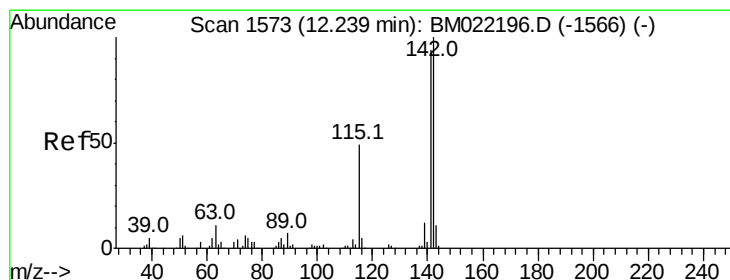
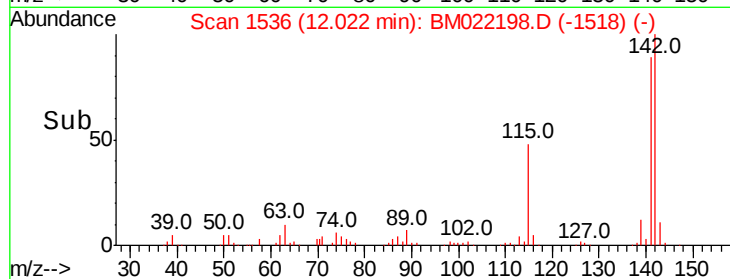
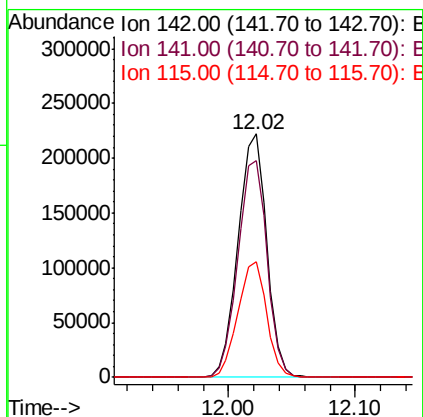
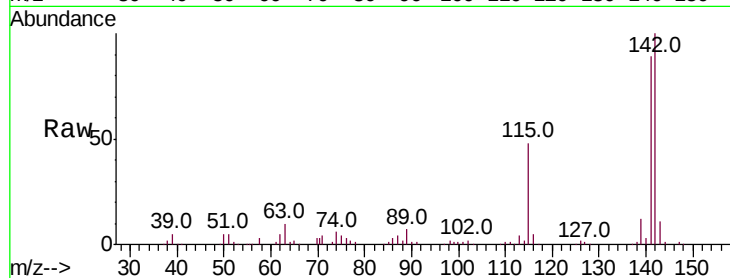




#37
 2-Methylnaphthalene
 Concen: 56.600 ng
 RT: 12.02 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

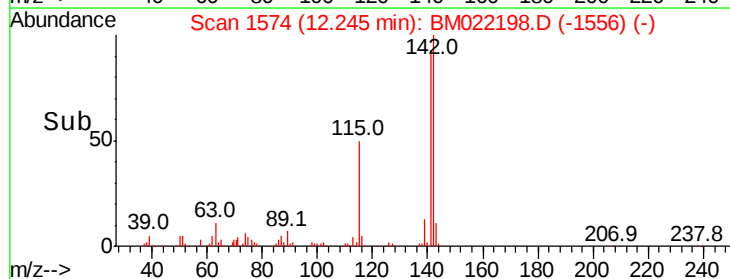
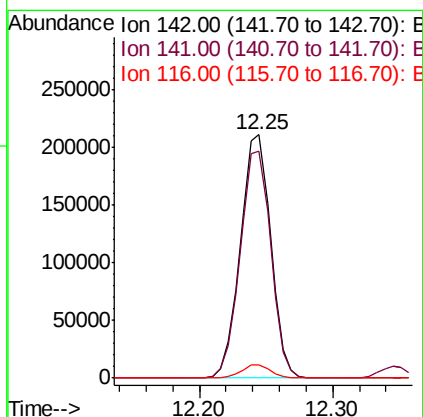
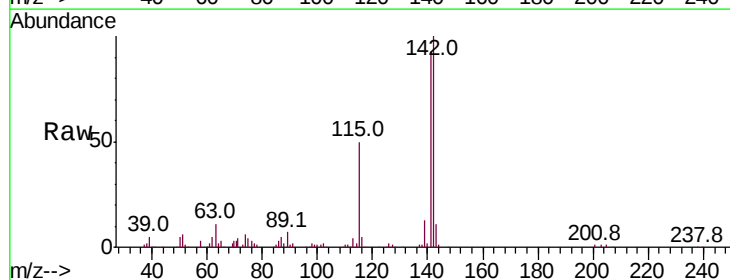
Instrument :
 BNA_M
 ClientSampleId :

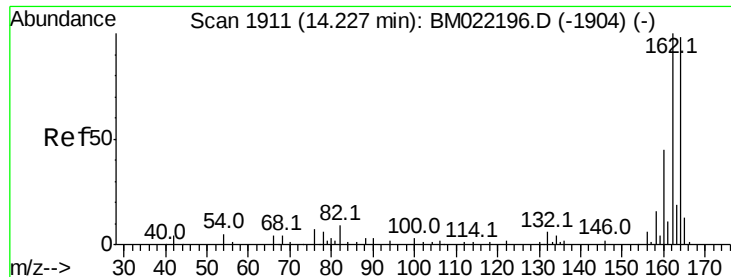
Tot Ion:142 Resp: 348300
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.2 108.2
 115 47.6 27.9 41.9#



#38
 1-Methylnaphthalene
 Concen: 56.591 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion:142 Resp: 332158
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.9 110.9
 116 5.3 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

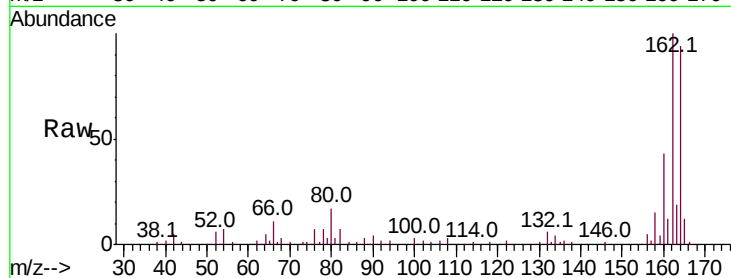
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 96817

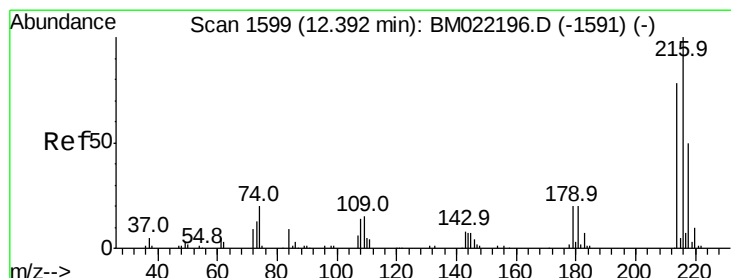
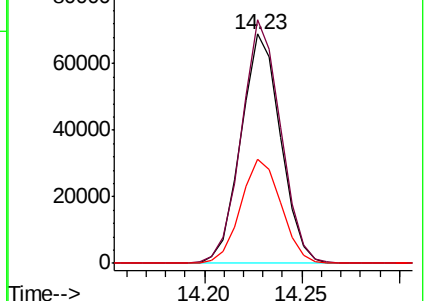
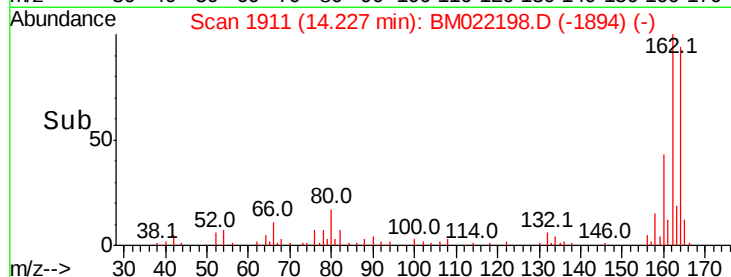
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.1	123.1
160	45.6	37.1	55.7



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: 62.720 ng

RT: 12.39 min Scan# 1599

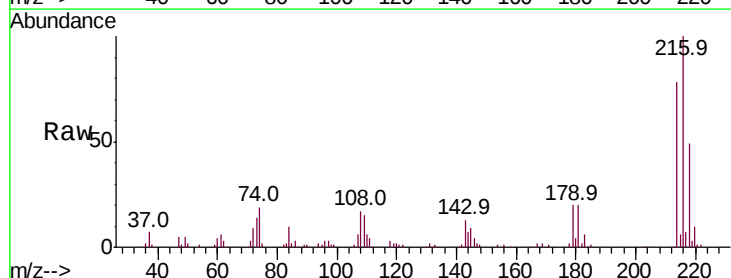
Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Tgt Ion:216 Resp: 229841

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.5	16.4	24.6
108	17.3	12.5	18.7

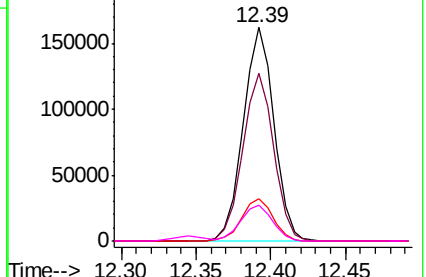
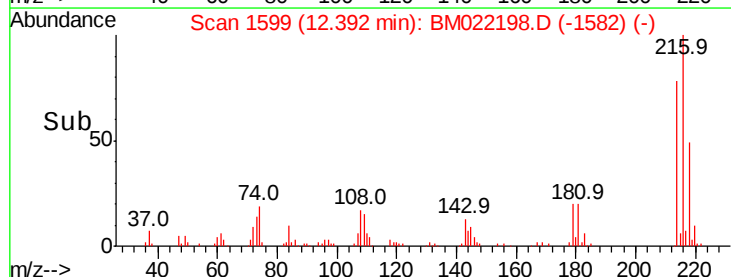


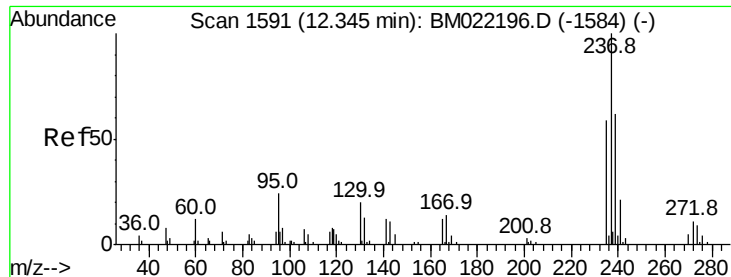
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.698 ng

RT: 12.35 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

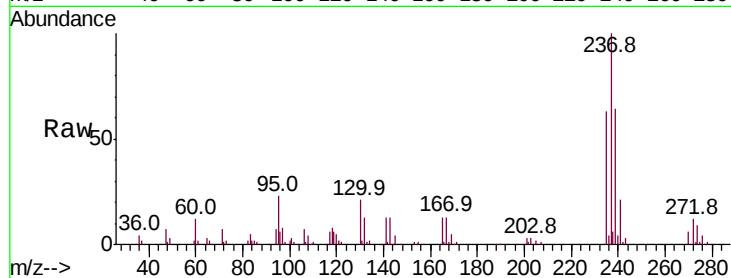
Tot Ion:237 Resp: 122570

Ion Ratio Lower Upper

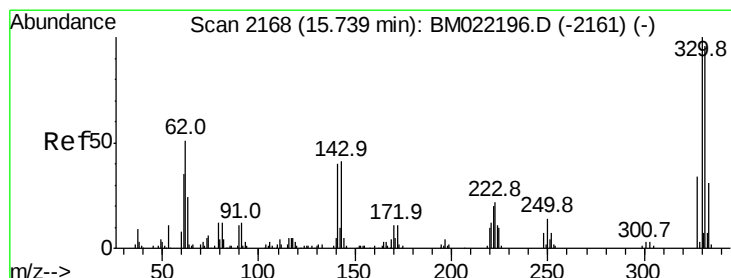
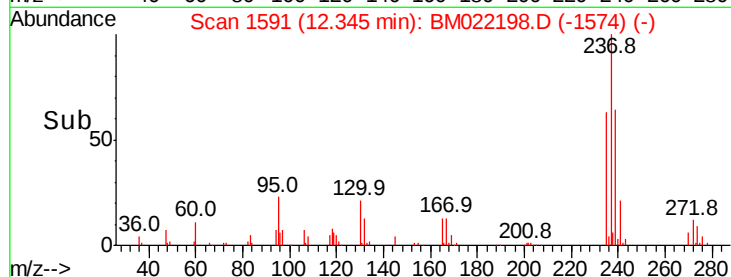
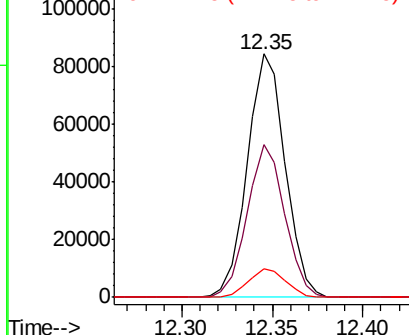
237 100

235 62.5 41.7 81.7

272 12.0 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 106.201 ng

RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

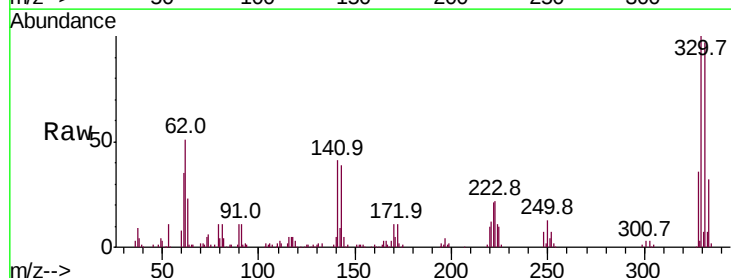
Tgt Ion:330 Resp: 192937

Ion Ratio Lower Upper

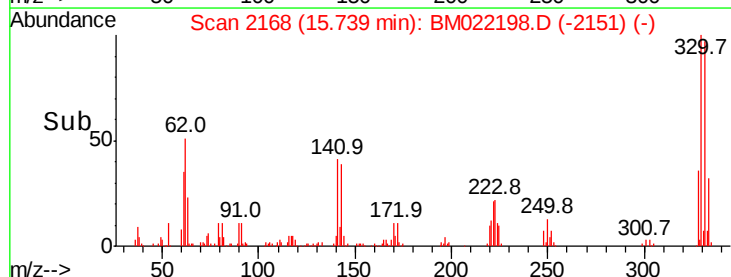
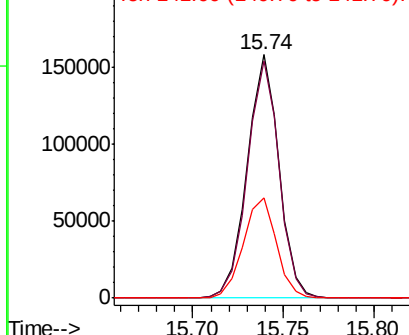
330 100

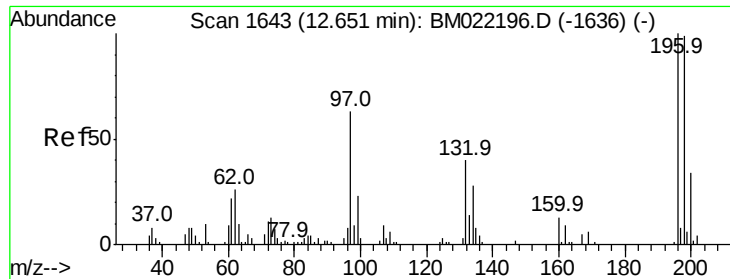
332 97.3 77.1 115.7

141 43.0 21.8 32.8#



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

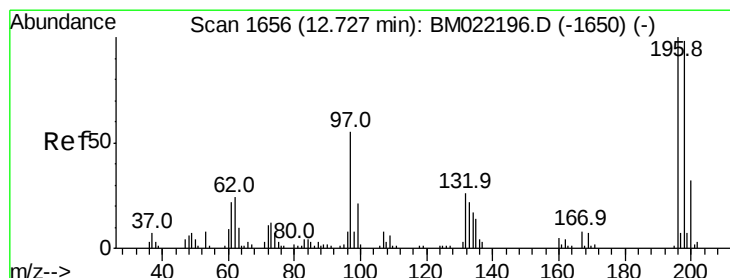
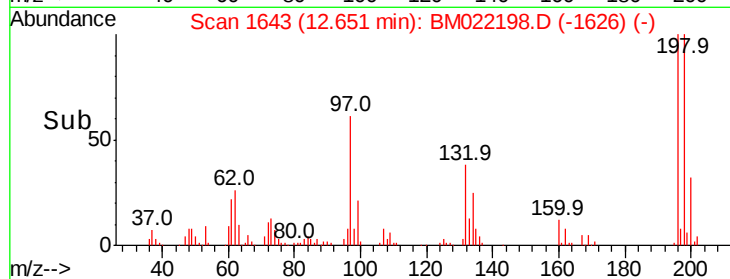
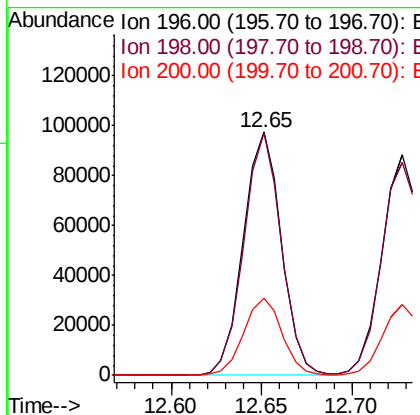
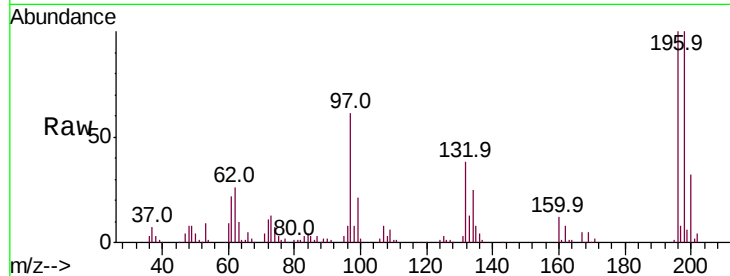




#43
 2,4,6-Trichlorophenol
 Concen: 59.037 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

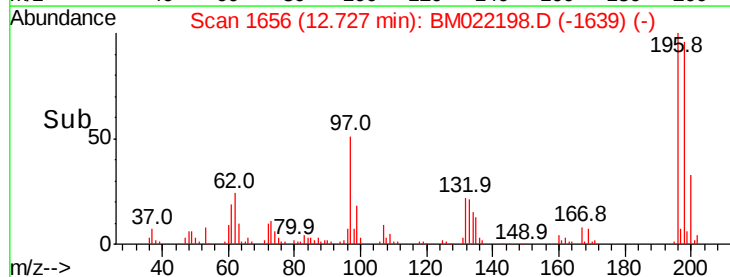
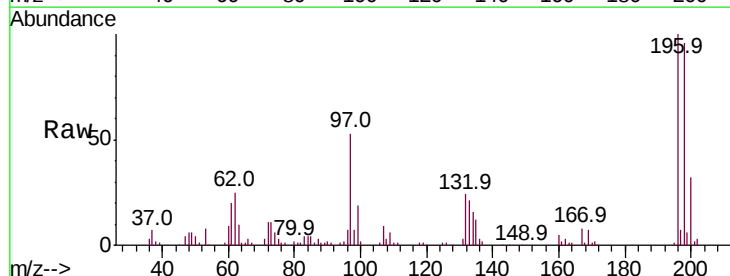
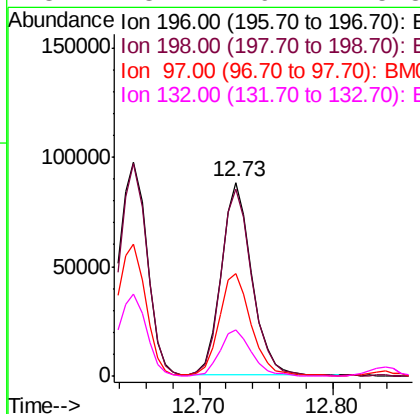
Instrument :
 BNA_M
 ClientSampleId :

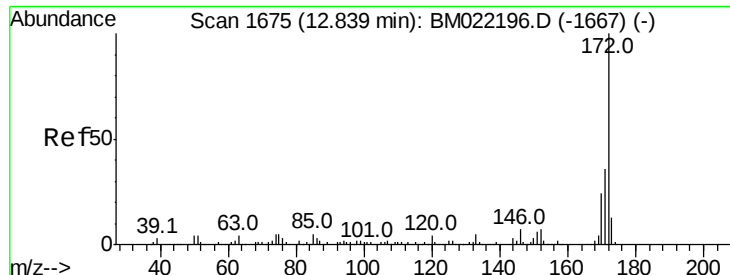
Tot Ion	Ratio	Resp	Lower	Upper
196	100	143156		
198	99.6	76.7	115.1	
200	32.0	24.2	36.4	



#44
 2,4,5-Trichlorophenol
 Concen: 56.326 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141440		
198	96.4	78.2	117.4	
97	52.8	34.1	51.1#	
132	23.7	19.2	28.8	

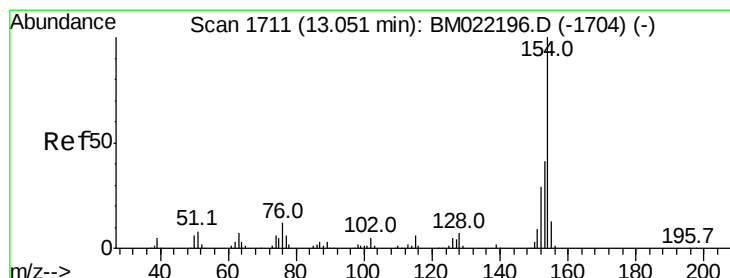
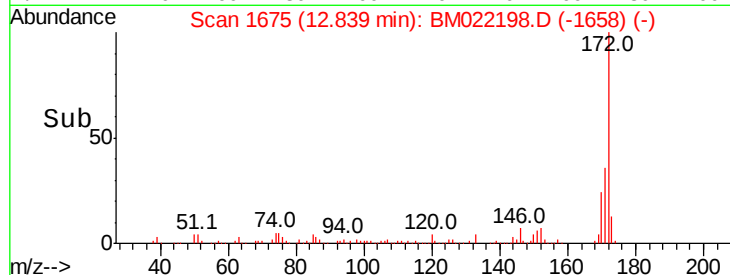
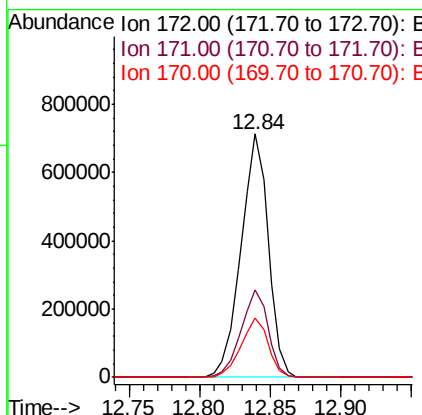
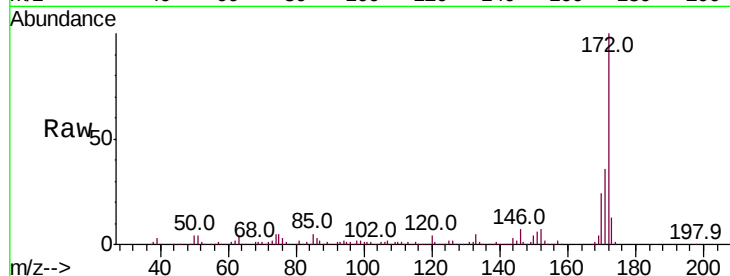




#45
 2-Fluorobiphenyl
 Concen: 122.146 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

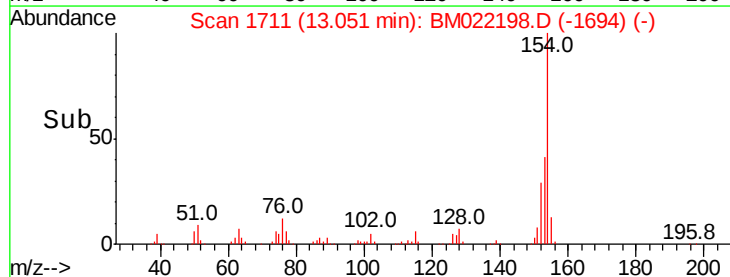
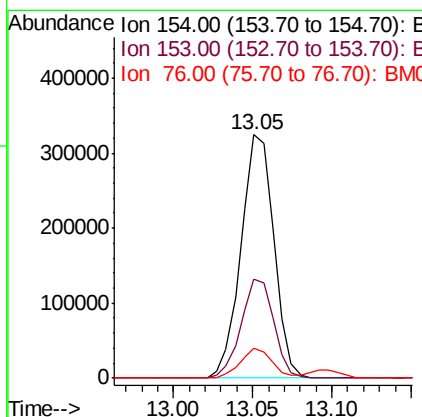
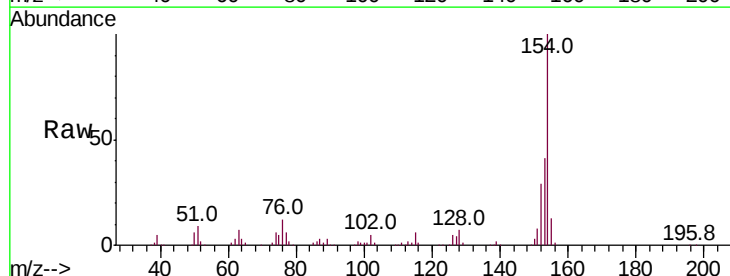
Instrument :
 BNA_M
 ClientSampleId :

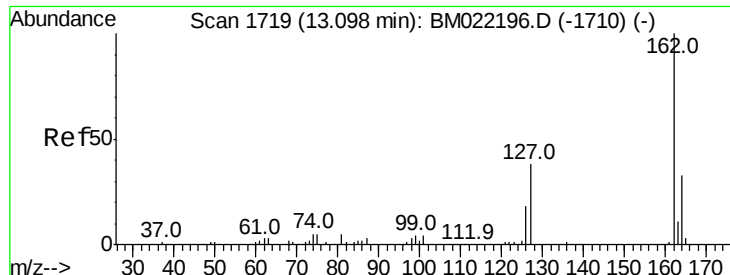
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.2	18.7	28.1



#46
 1,1'-Biphenyl
 Concen: 56.305 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.1	0.0	30.9

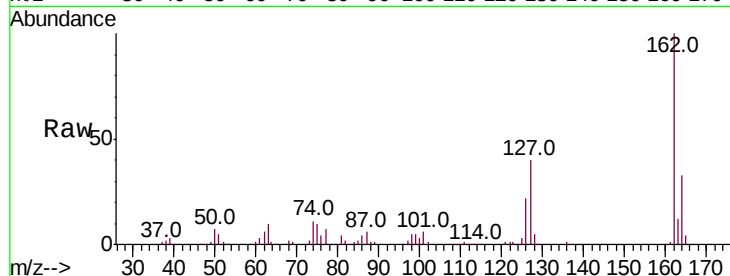




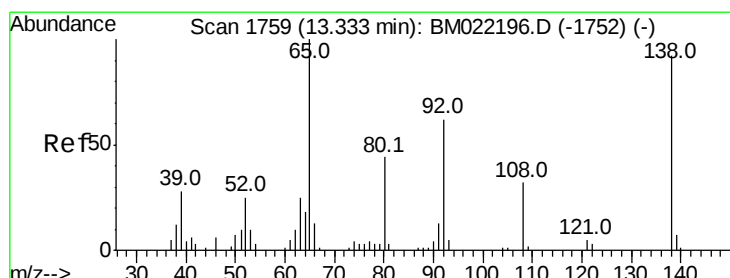
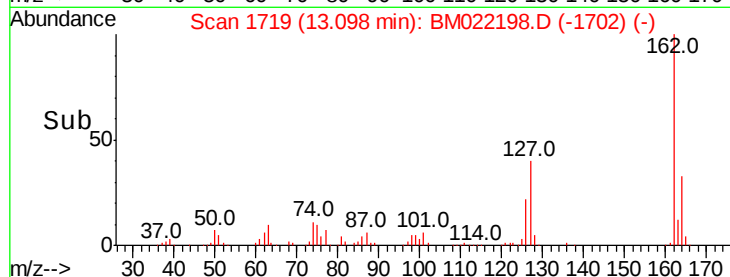
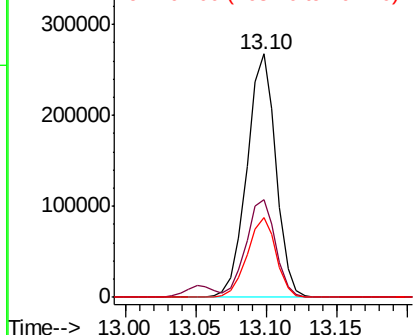
#47
 2-Chloronaphthalene
 Concen: 57.126 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	29.4	44.2
164	32.6	26.5	39.7

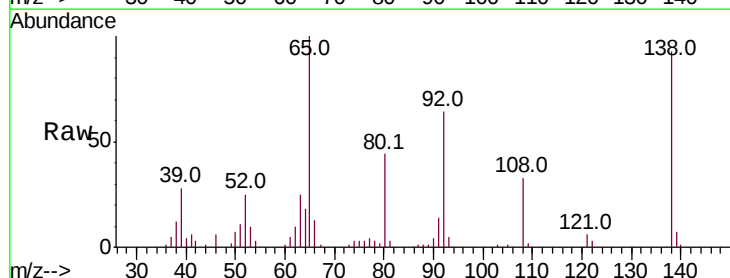


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

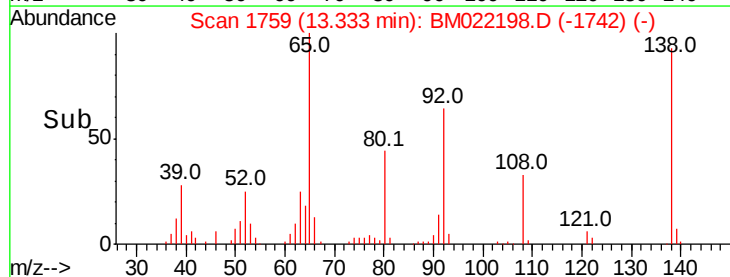
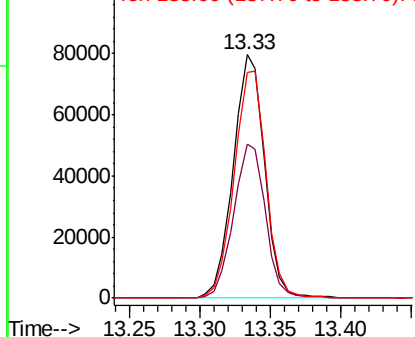


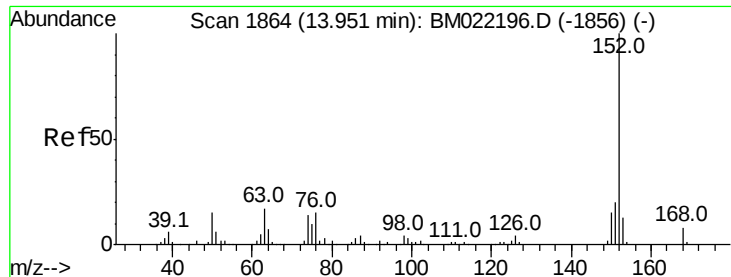
#48
 2-Nitroaniline
 Concen: 66.932 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	56.3	84.5
138	92.8	92.6	139.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 56.893 ng

RT: 13.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

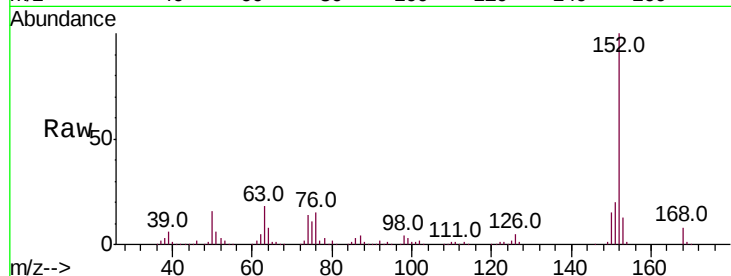
Tot Ion:152 Resp: 582680

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

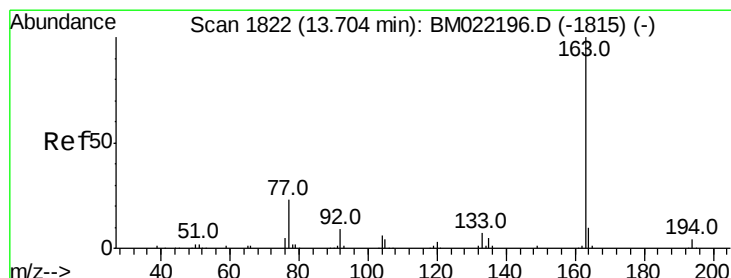
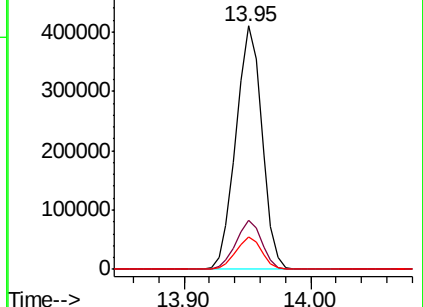
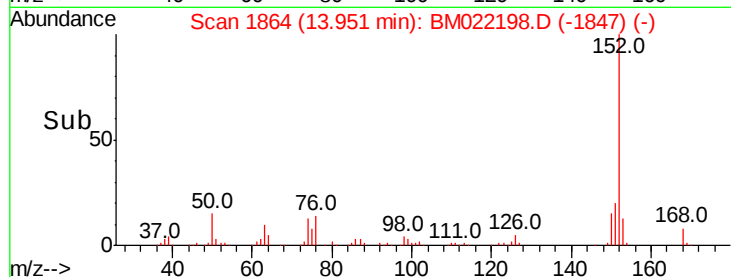
153 13.4 10.6 16.0



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: 56.683 ng

RT: 13.71 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

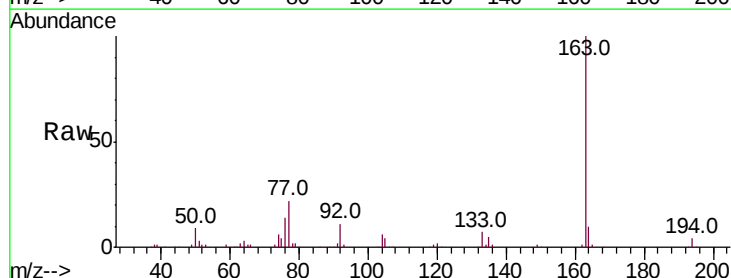
Tgt Ion:163 Resp: 487921

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

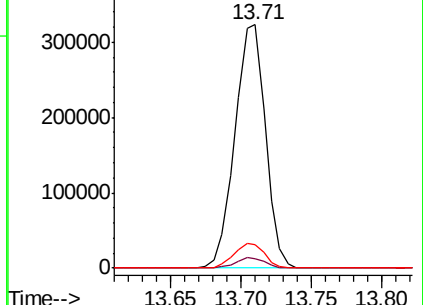
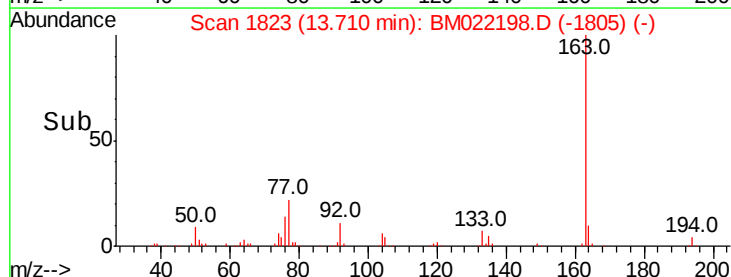
164 9.8 8.2 12.2

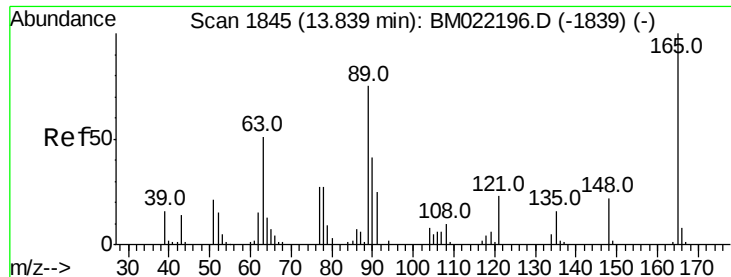


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.970 ng

RT: 13.84 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

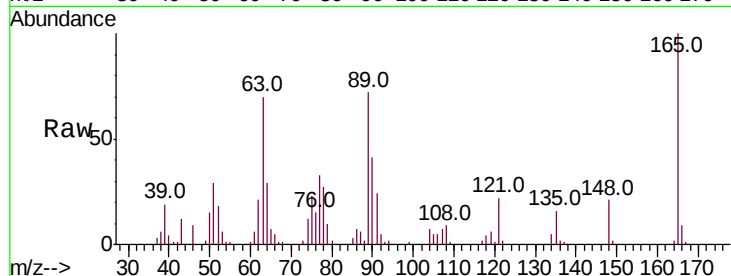
Tot Ion:165 Resp: 98092

Ion Ratio Lower Upper

165 100

63 69.5 37.8 56.6#

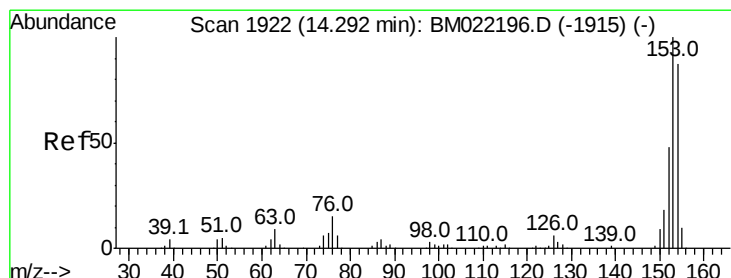
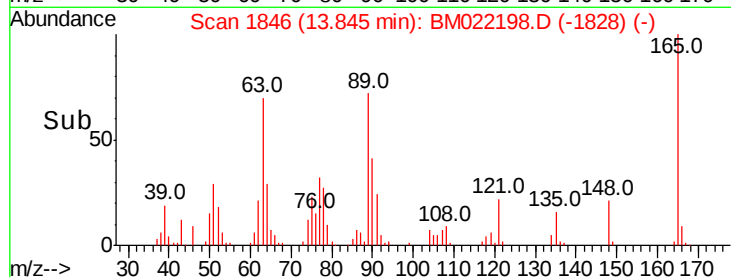
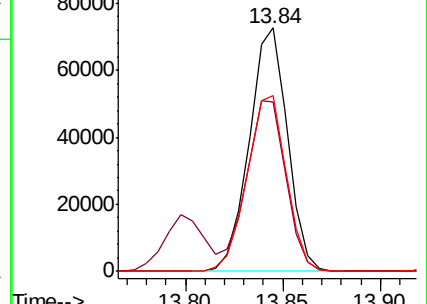
89 72.1 39.7 59.5#



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



#52

Acenaphthene

Concen: 55.163 ng

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

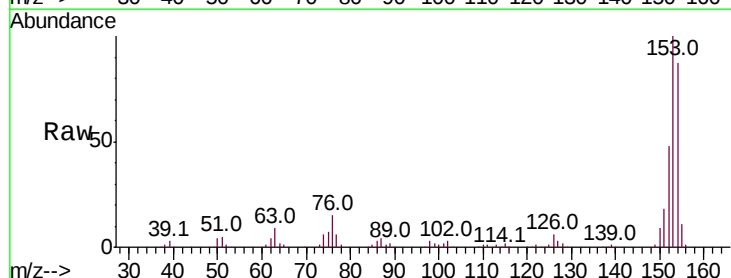
Tgt Ion:154 Resp: 340868

Ion Ratio Lower Upper

154 100

153 115.1 91.5 137.3

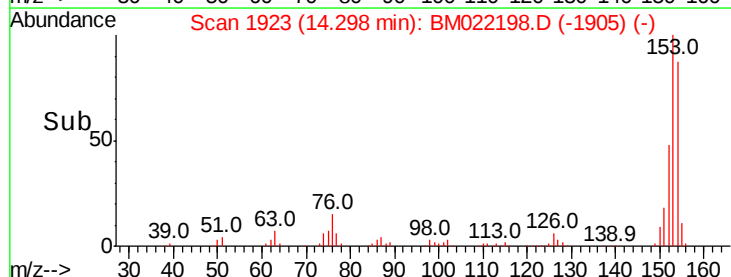
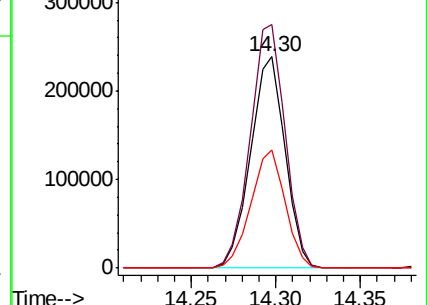
152 55.8 42.3 63.5

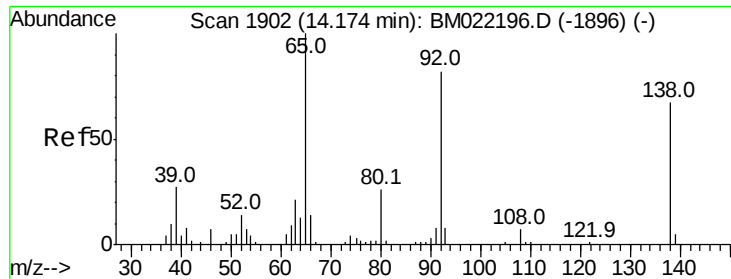


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 52.685 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

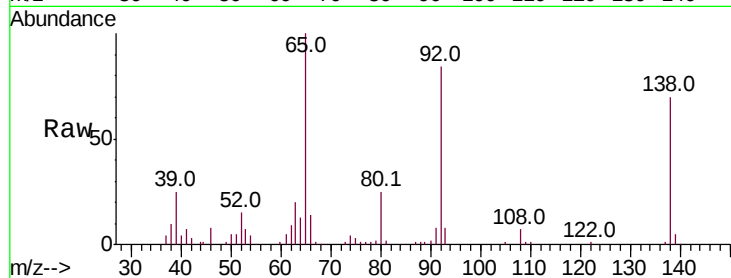
Tot Ion:138 Resp: 99465

Ion Ratio Lower Upper

138 100

108 10.0 9.0 13.4

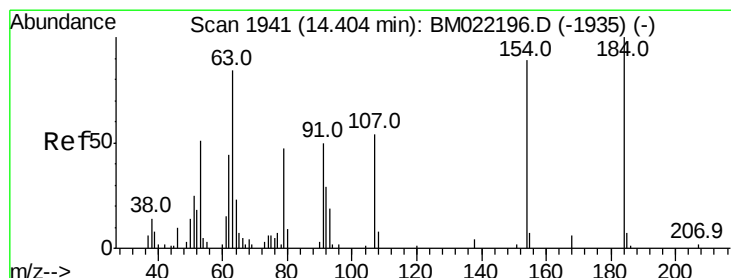
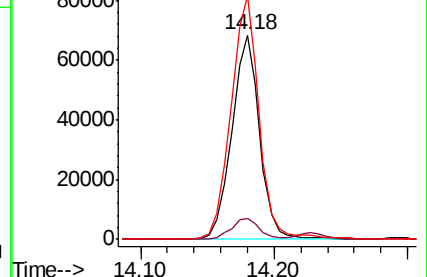
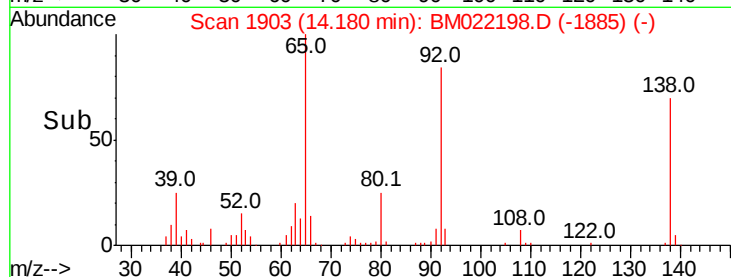
92 119.2 92.2 138.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 53.919 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

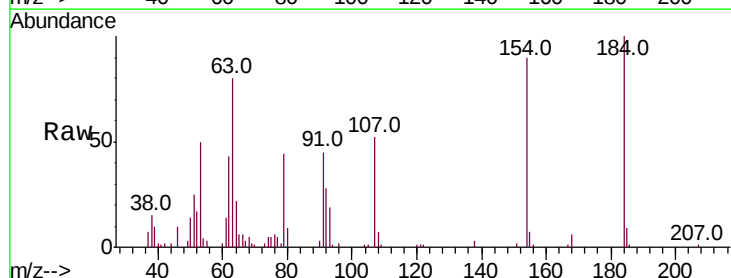
Tgt Ion:184 Resp: 53636

Ion Ratio Lower Upper

184 100

63 80.3 45.5 68.3#

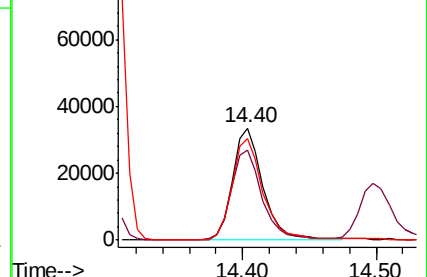
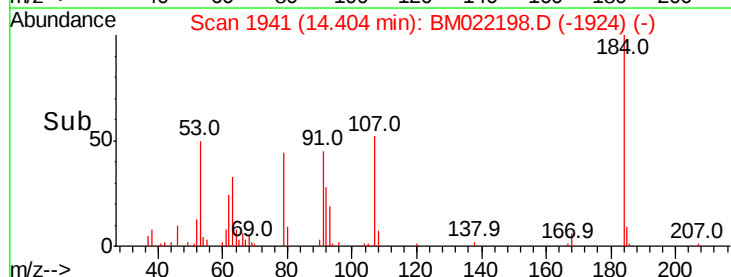
154 90.0 50.6 76.0#

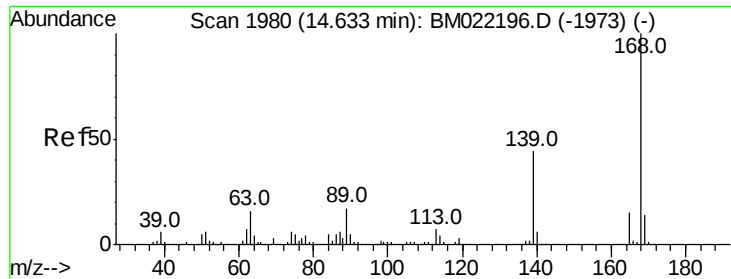


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 56.203 ng

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampled :

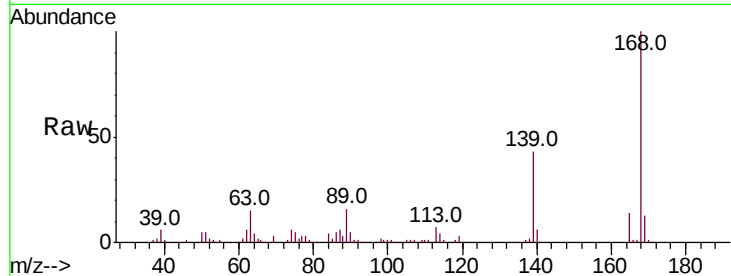
Tot Ion:168 Resp: 566545

Ion Ratio Lower Upper

168 100

139 43.3 28.4 42.6#

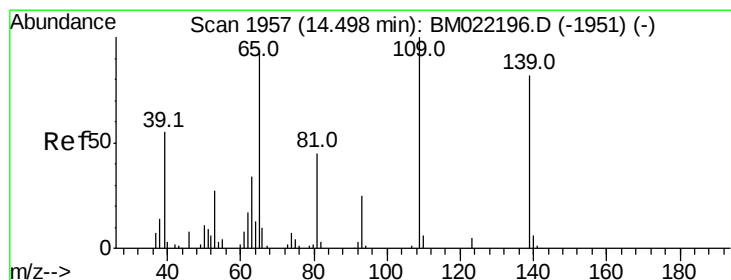
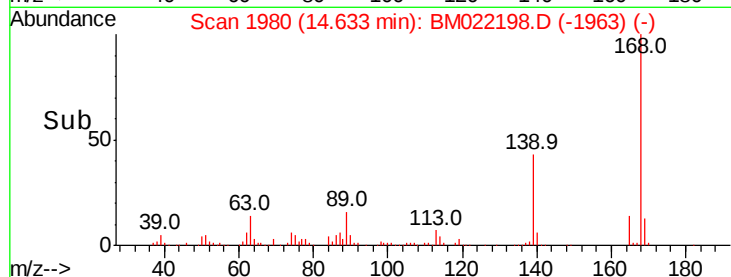
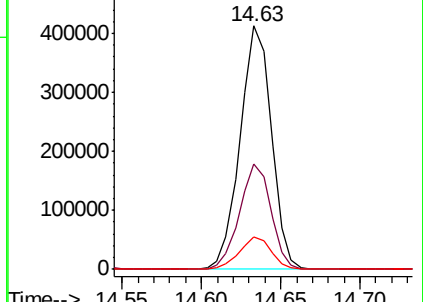
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 45.855 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

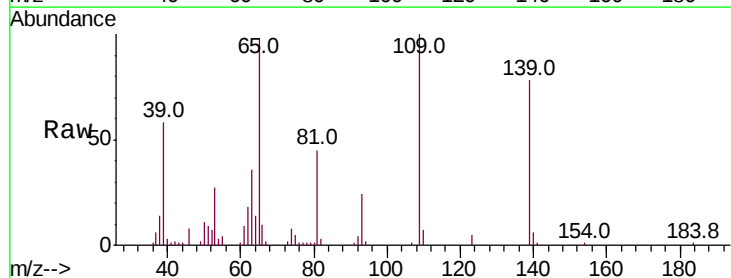
Tgt Ion:139 Resp: 66199

Ion Ratio Lower Upper

139 100

109 127.7 53.3 93.3#

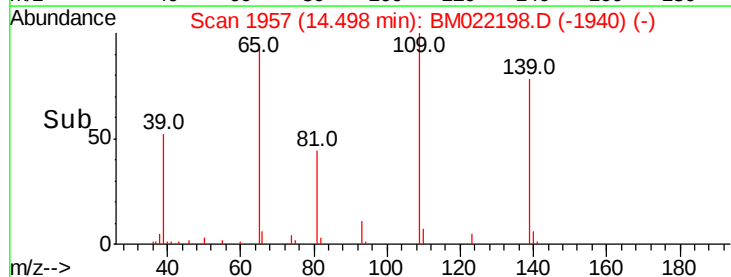
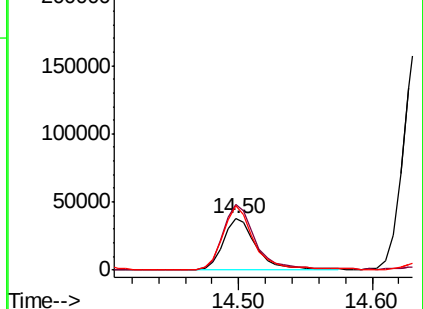
65 125.1 70.3 110.3#

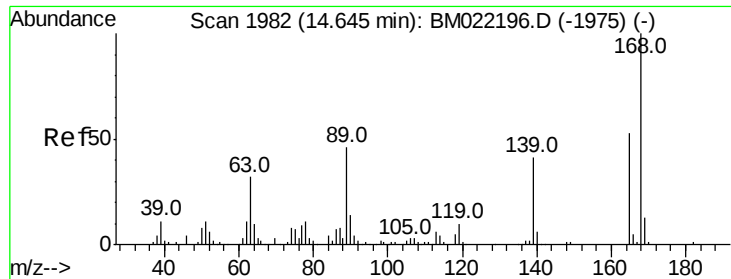


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

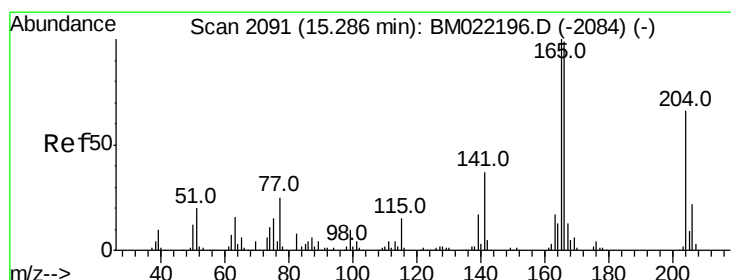
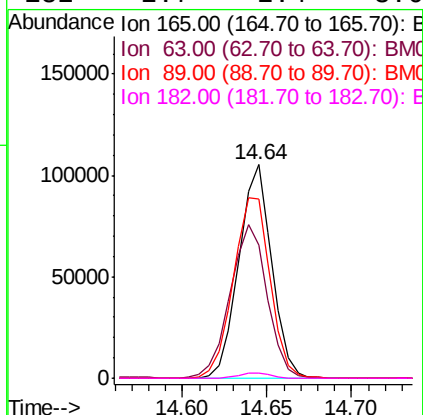
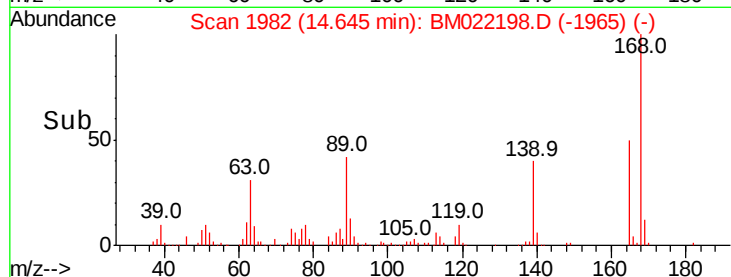
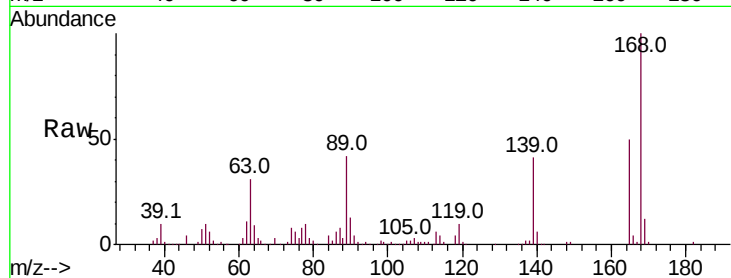




#57
2,4-Dinitrotoluene
Concen: 55.776 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

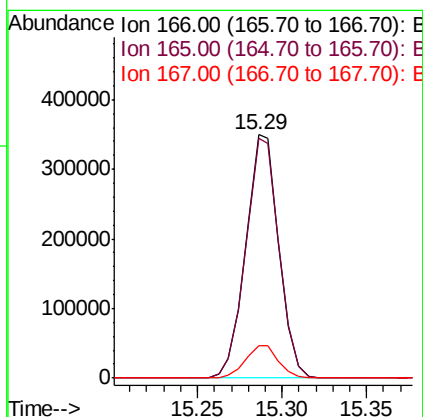
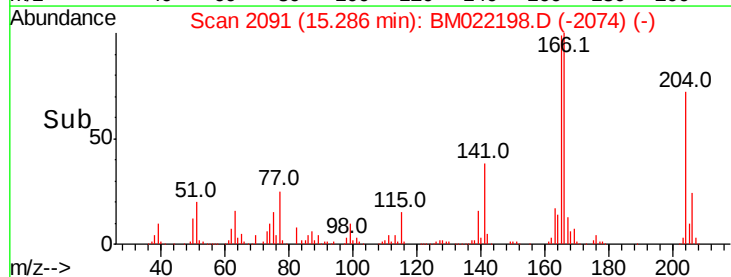
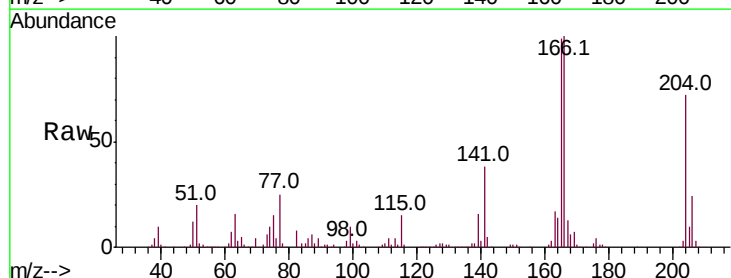
Instrument :
BNA_M
ClientSampleId :

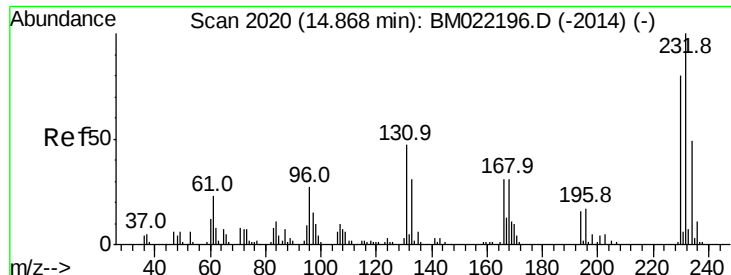
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	29.6	44.4#
89	84.0	49.5	74.3#
182	2.7	2.4	3.6



#58
Fluorene
Concen: 57.724 ng
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.4	10.9	16.3

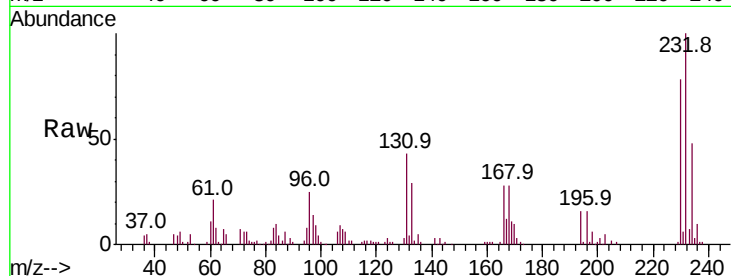




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.635 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	140680
Ion	Ratio	Lower	Upper
232	100		
131	45.0	30.6	46.0
130	2.8	1.7	2.5
166	28.3	23.4	35.0



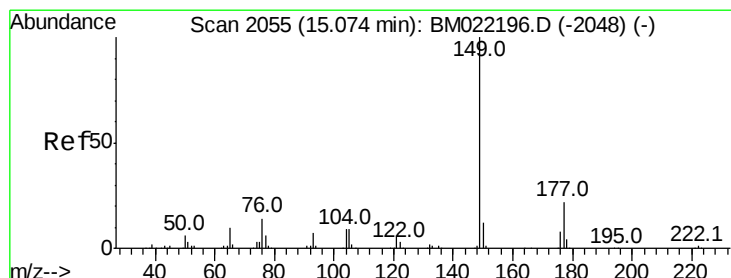
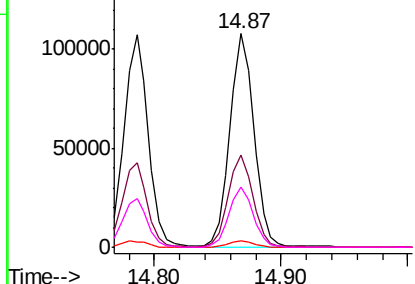
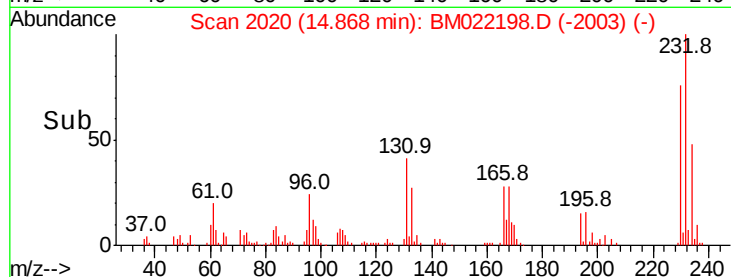
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

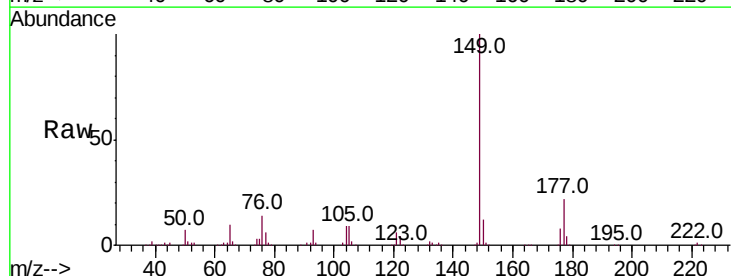
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 60.277 ng
 RT: 15.07 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion:	149	Resp:	511026
Ion	Ratio	Lower	Upper
149	100		
177	21.9	19.1	28.7
150	12.5	10.1	15.1

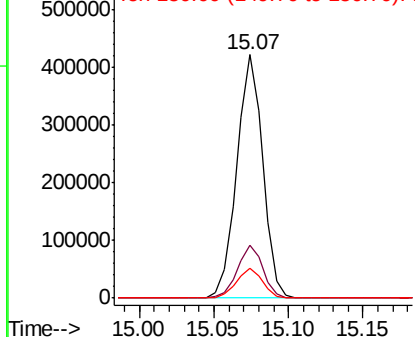
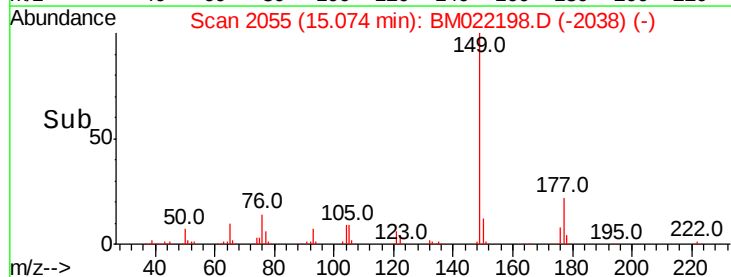


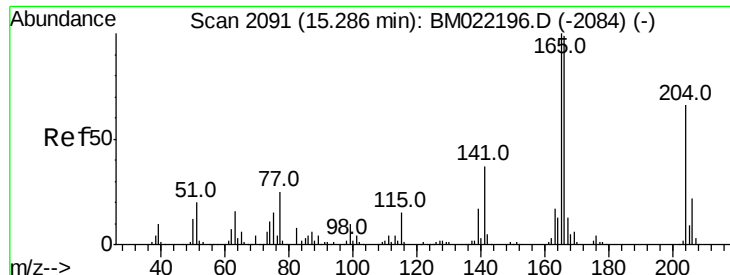
Abundance

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

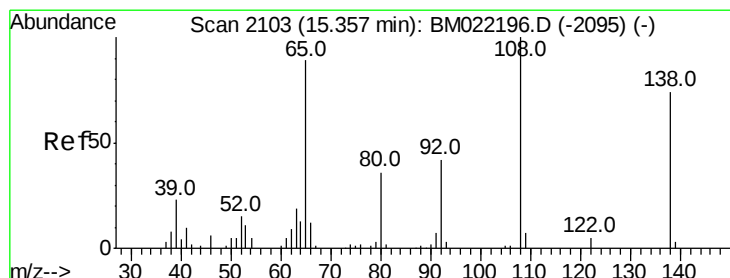
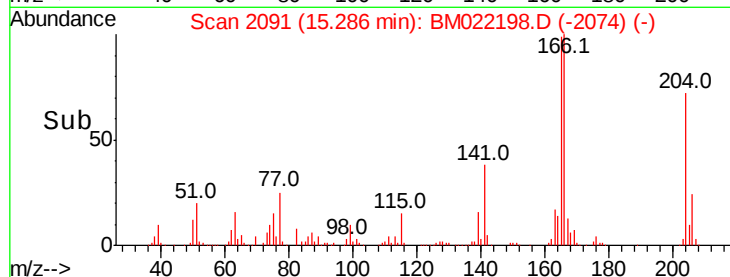
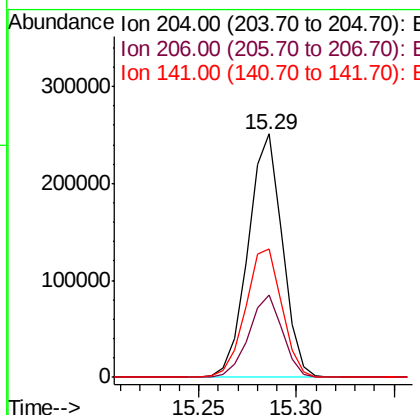
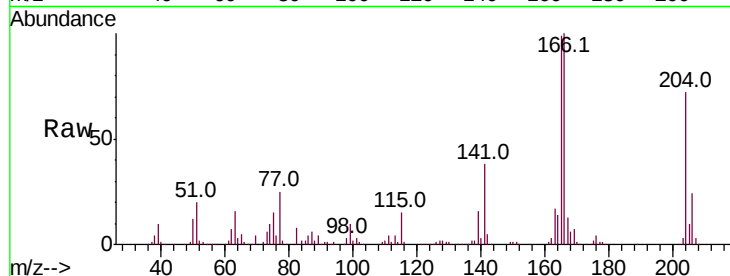




#61
 4-Chlorophenyl-phenylether
 Concen: 65.368 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

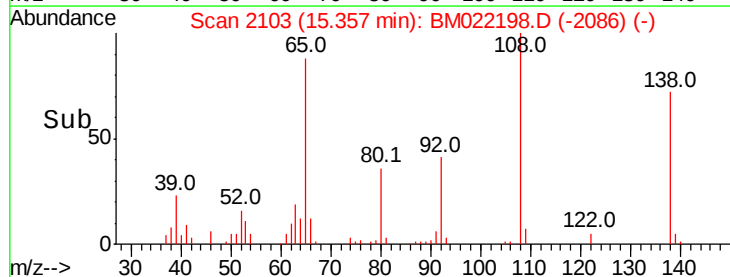
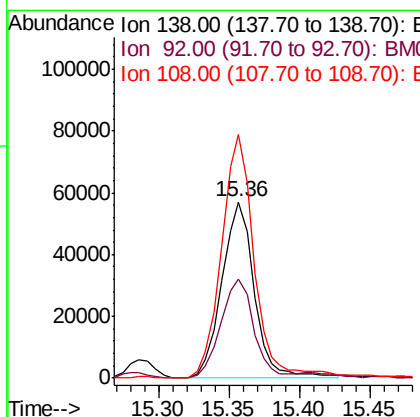
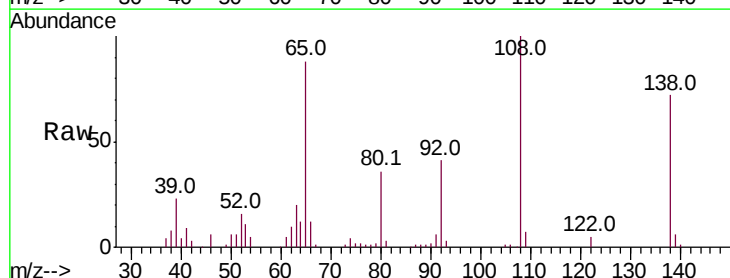
Instrument :
 BNA_M
 ClientSampleId :

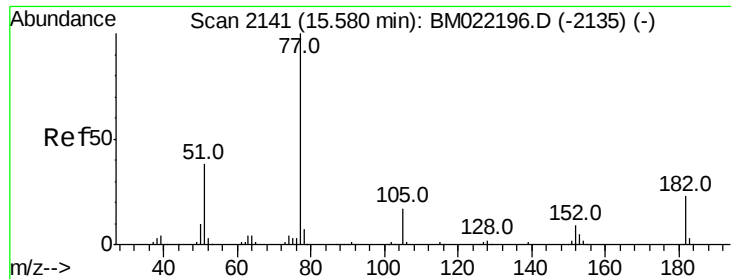
Tot Ion:204 Resp: 304158
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.1 39.1
 141 52.8 40.7 61.1



#62
 4-Nitroaniline
 Concen: 46.245 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion:138 Resp: 91634
 Ion Ratio Lower Upper
 138 100
 92 56.1 29.1 69.1
 108 138.4 59.2 99.2#

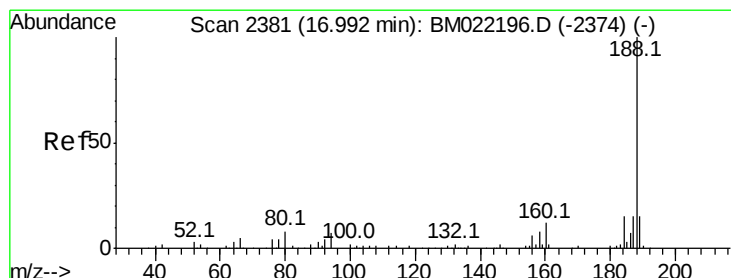
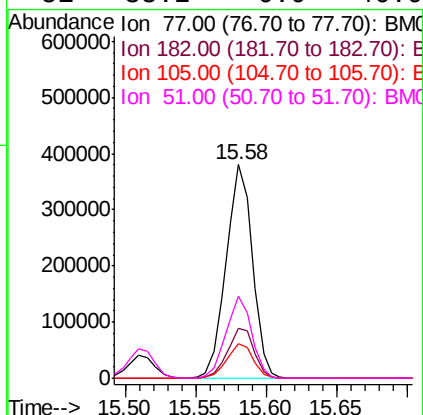
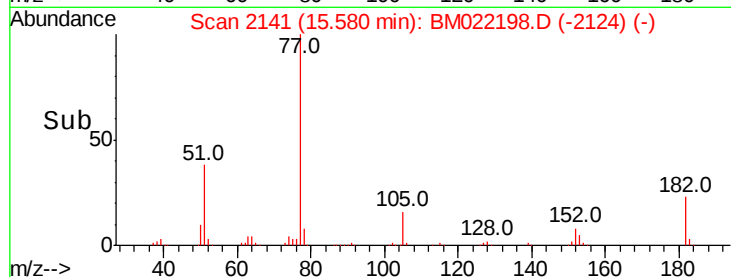
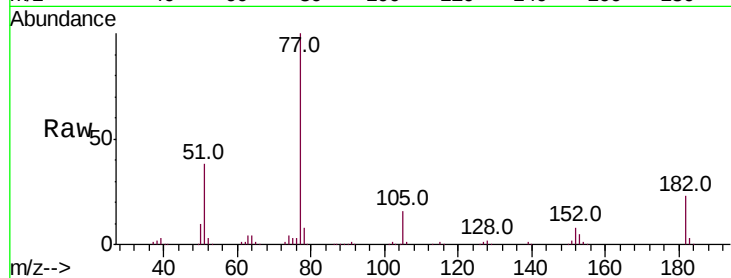




#63
Azobenzene
Concen: 71.127 ng
RT: 15.58 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

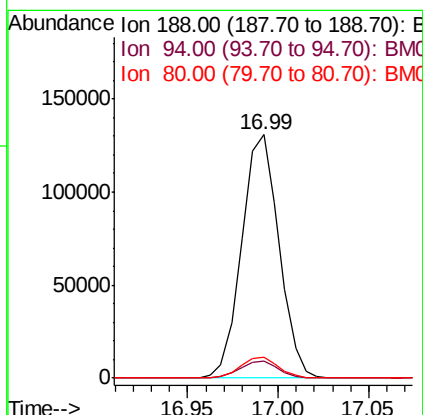
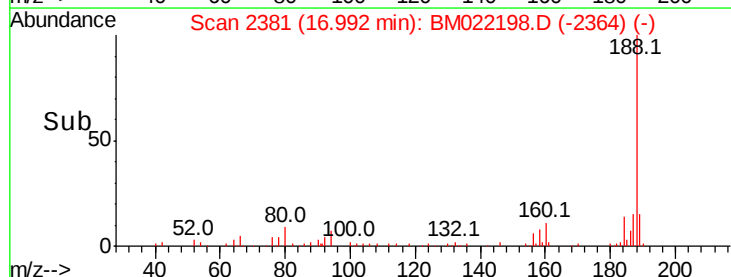
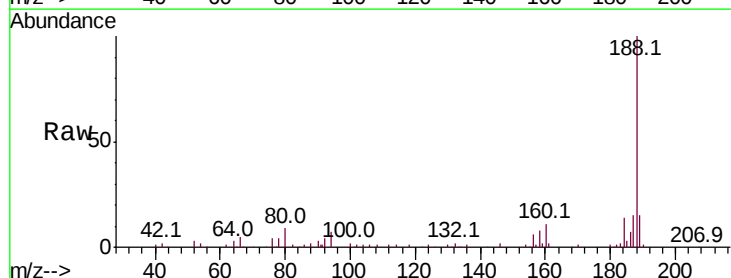
Instrument :
BNA_M
ClientSampleId :

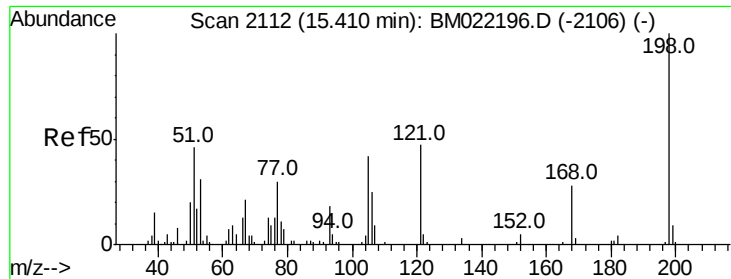
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	12.6	52.6
105	16.5	1.1	41.1
51	38.2	6.9	46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	8.6	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 63.546 ng

RT: 15.42 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

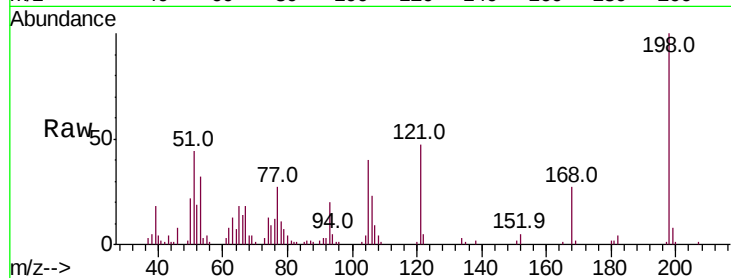
Tot Ion:198 Resp: 73404

Ion Ratio Lower Upper

198 100

51 44.4 15.3 55.3

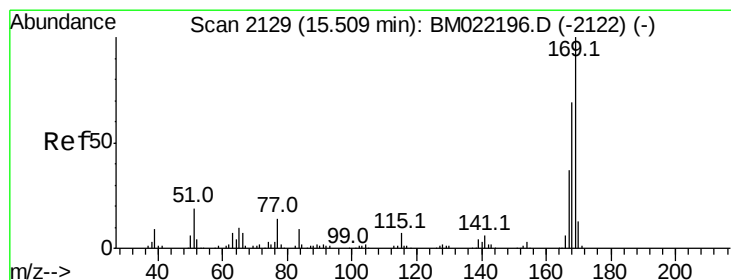
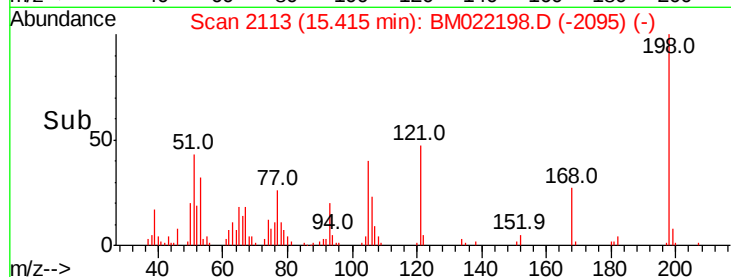
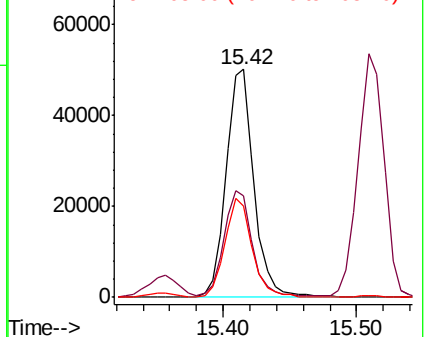
105 40.2 16.8 56.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 63.664 ng

RT: 15.52 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

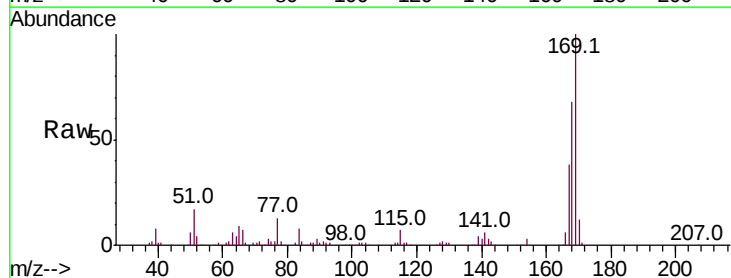
Tgt Ion:169 Resp: 375946

Ion Ratio Lower Upper

169 100

168 68.4 54.5 81.7

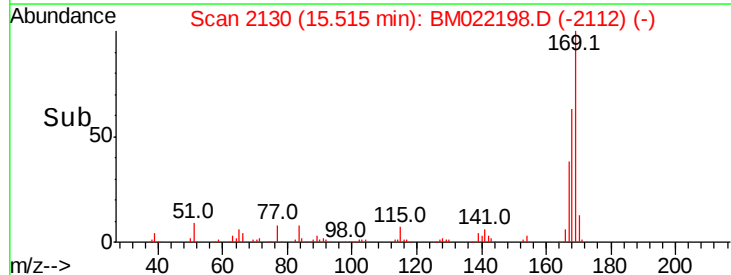
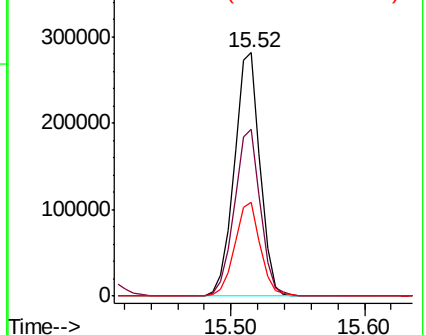
167 38.3 29.0 43.6

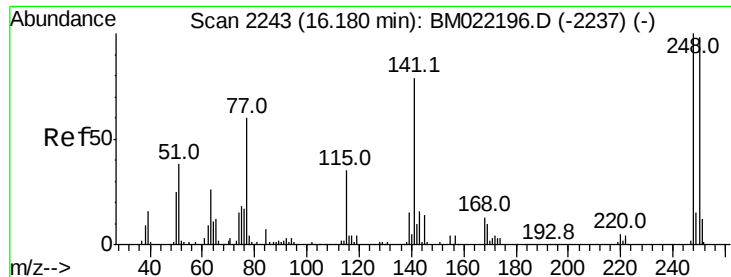


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

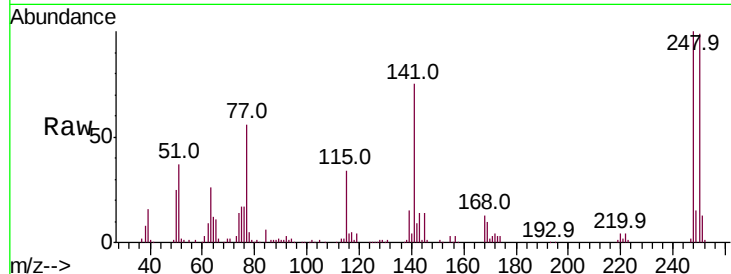




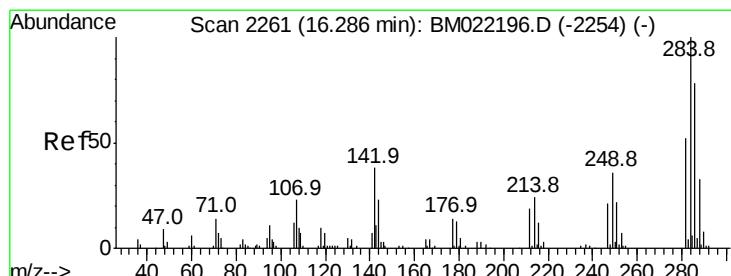
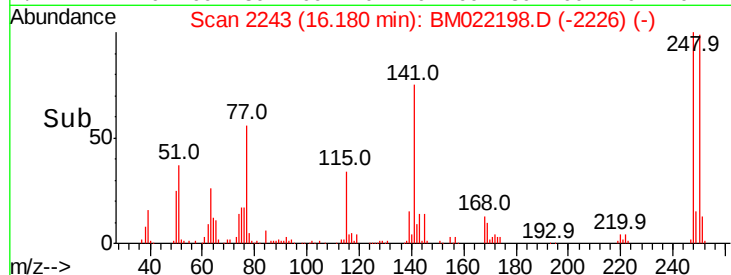
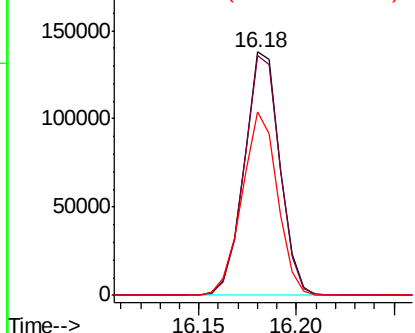
#67
 4-Bromophenyl-phenylether
 Concen: 69.916 ng
 RT: 16.18 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 174373
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.5 116.3
 141 75.2 47.8 71.6#

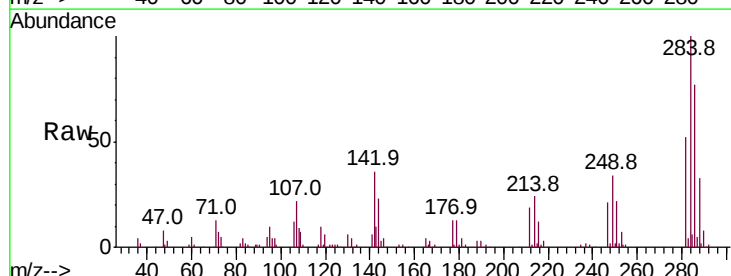


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

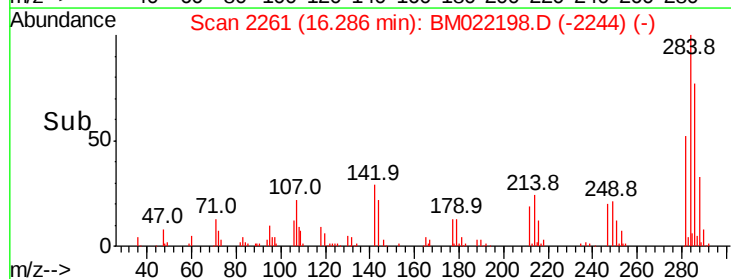
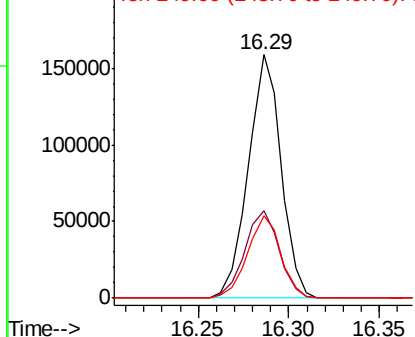


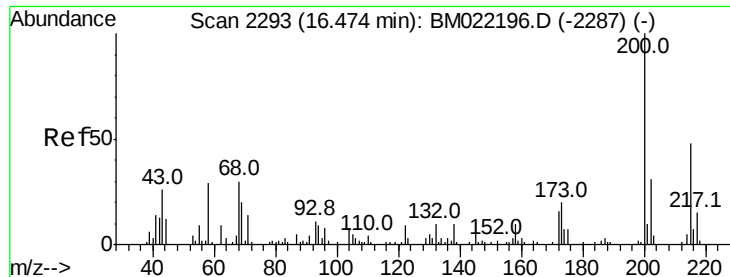
#68
 Hexachlorobenzene
 Concen: 67.176 ng
 RT: 16.29 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion:284 Resp: 200146
 Ion Ratio Lower Upper
 284 100
 142 35.8 21.2 31.8#
 249 33.7 23.4 35.0



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





#69

Atrazine

Concen: 67.352 ng

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

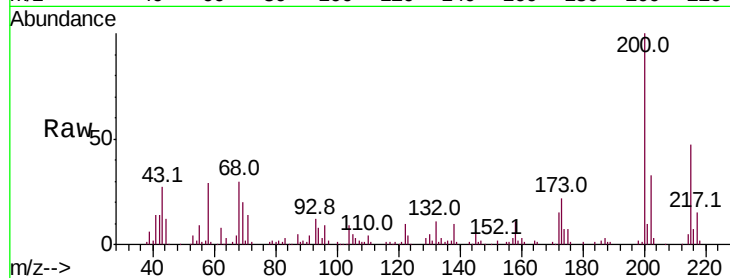
Tot Ion:200 Resp: 129333

Ion Ratio Lower Upper

200 100

173 22.3 4.3 44.3

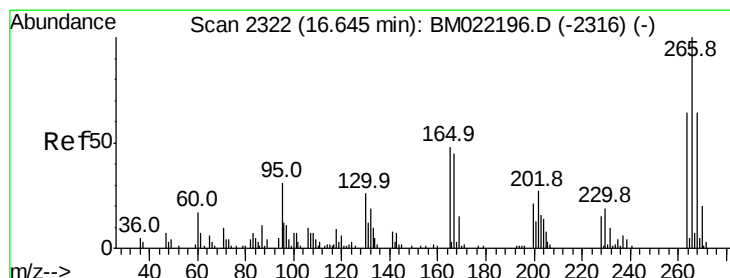
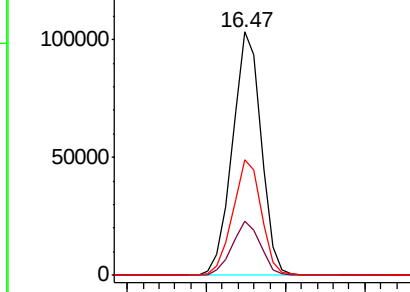
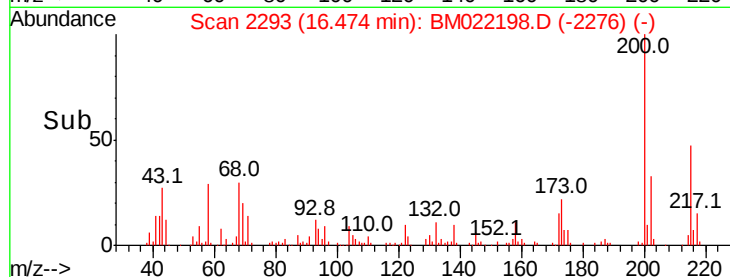
215 47.5 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.563 ng

RT: 16.64 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

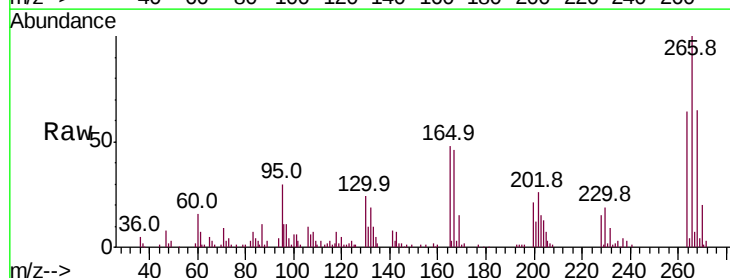
Tgt Ion:266 Resp: 98827

Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.4

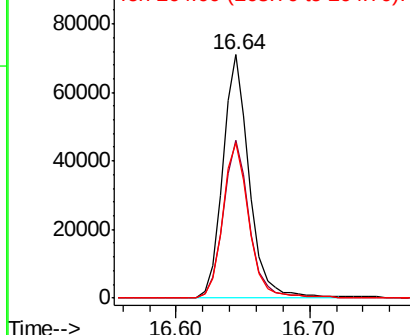
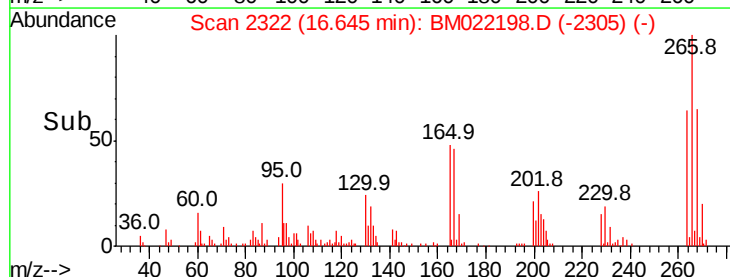
264 63.8 49.9 74.9

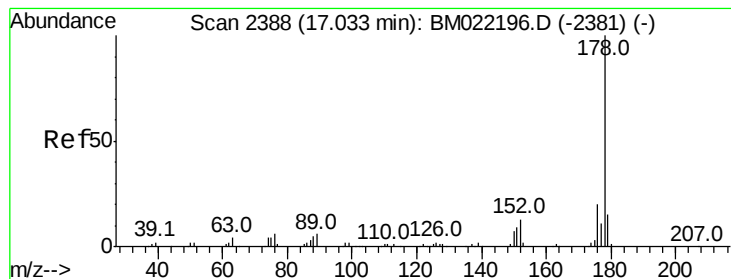


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 61.866 ng

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

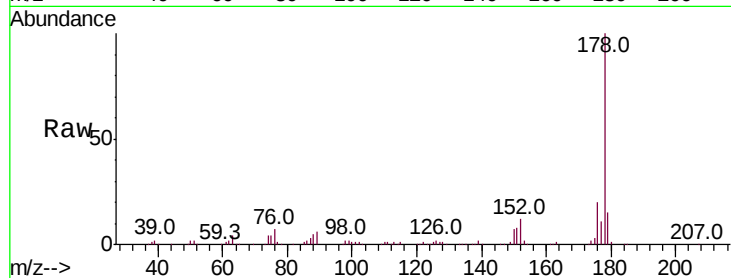
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 667977

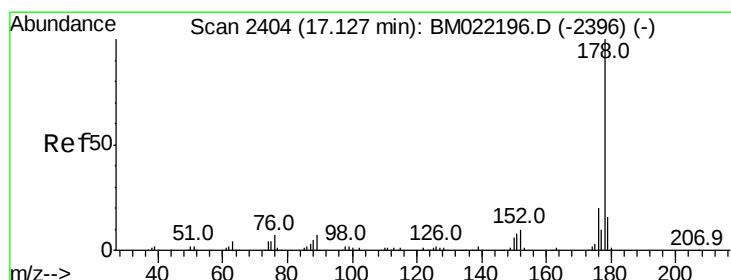
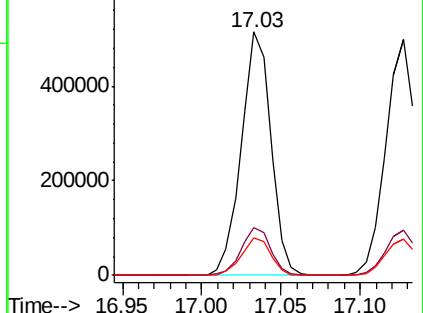
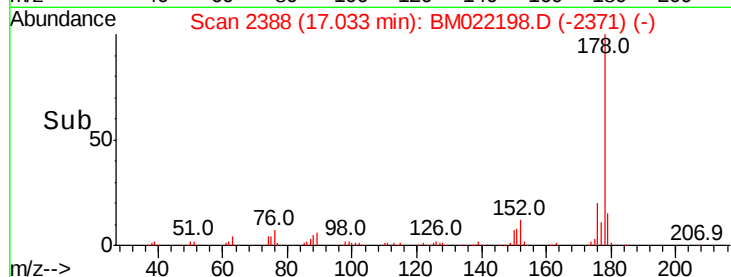
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	15.2	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 61.680 ng

RT: 17.13 min Scan# 2404

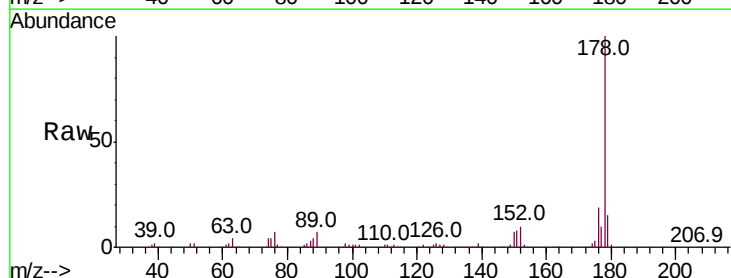
Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Tgt Ion:178 Resp: 659688

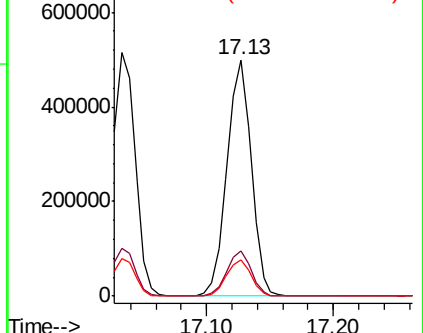
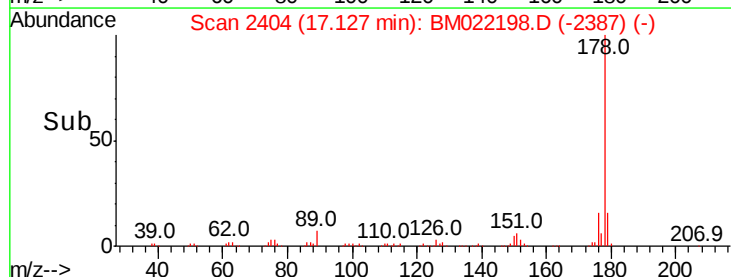
Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	15.4	12.2	18.2

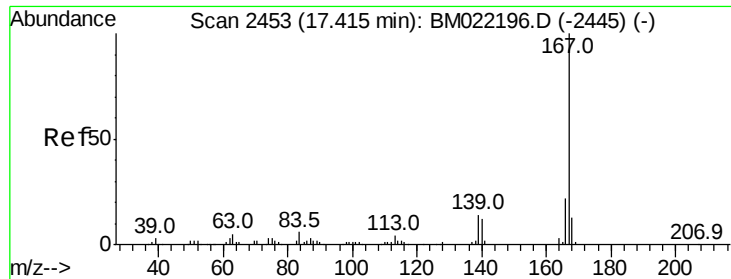


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

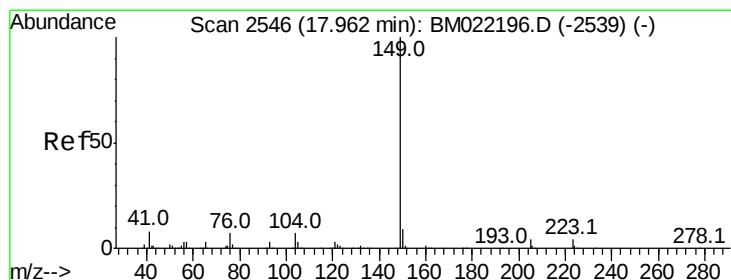
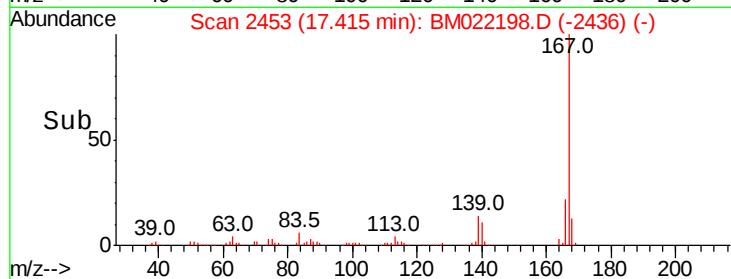
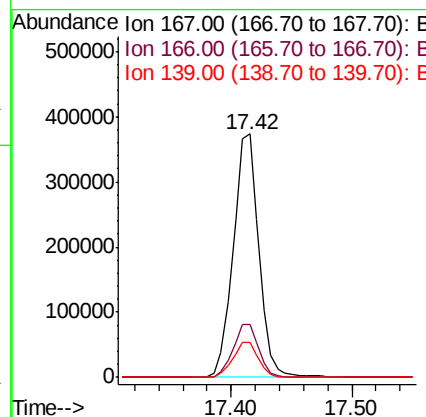
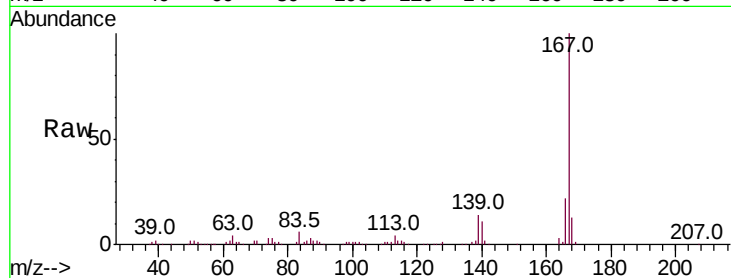




#73
 Carbazole
 Concen: 58.155 ng
 RT: 17.42 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

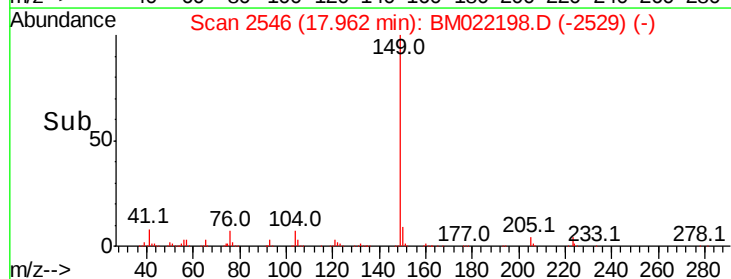
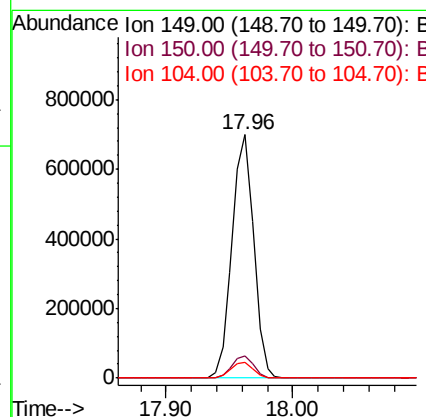
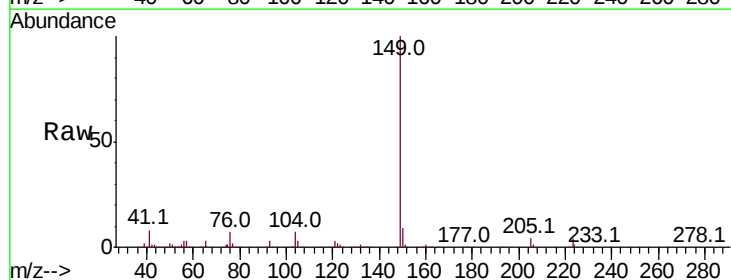
Instrument :
 BNA_M
 ClientSampled :

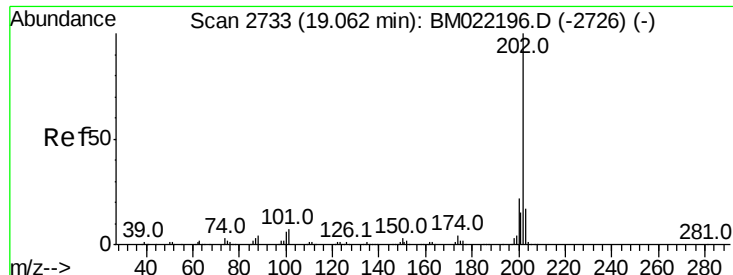
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	14.2	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 71.155 ng
 RT: 17.96 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BM022198.D
 Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.7	3.8	5.8





#75

Fluoranthene

Concen: 63.028 ng

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

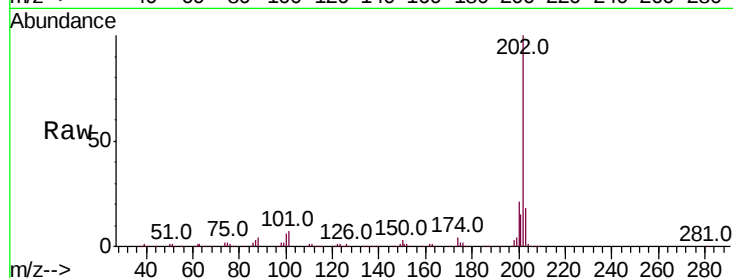
Tot Ion:202 Resp: 785861

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.2

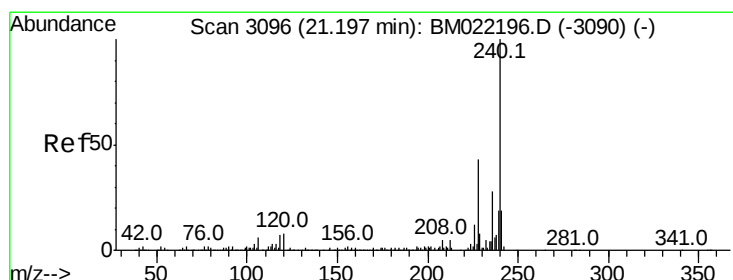
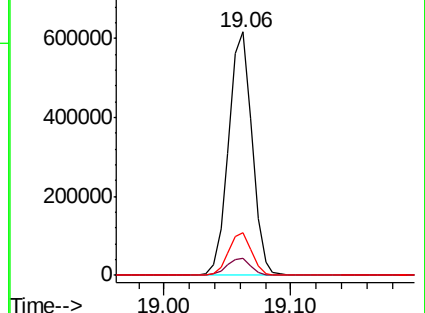
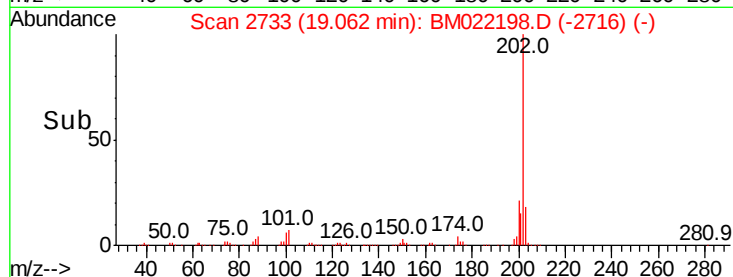
203 17.6 0.0 37.6



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: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

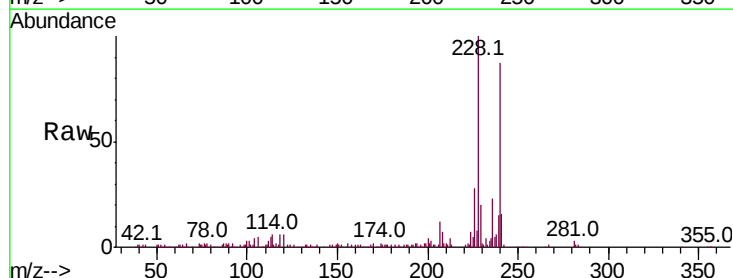
Tgt Ion:240 Resp: 183409

Ion Ratio Lower Upper

240 100

120 7.0 6.9 10.3

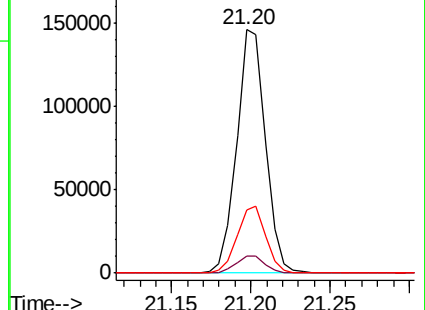
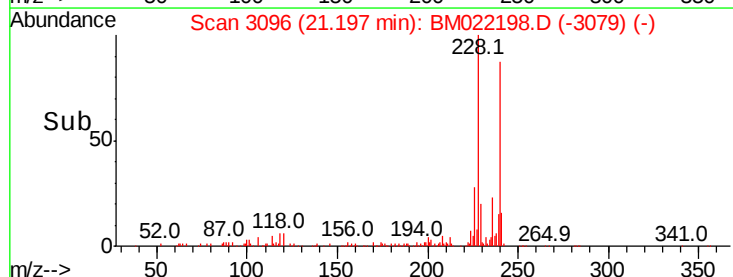
236 26.1 20.4 30.6

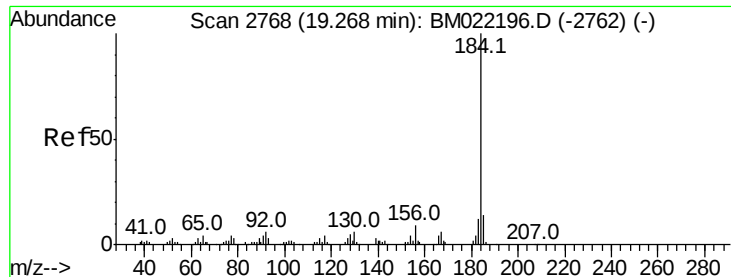


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.777 ng

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

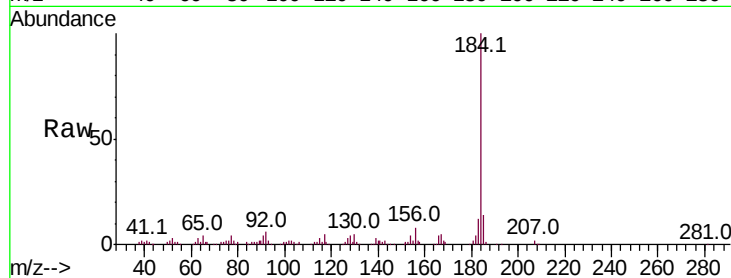
Tot Ion:184 Resp: 238477

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

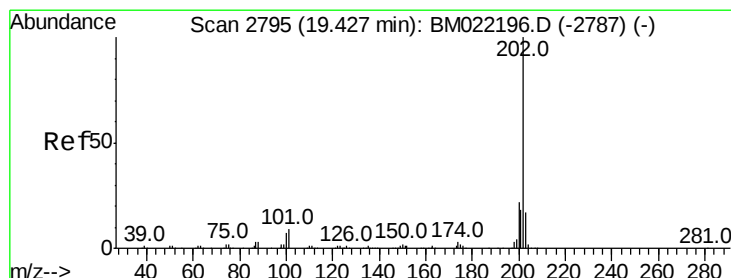
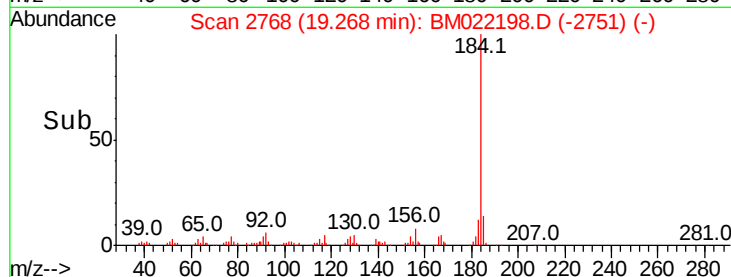
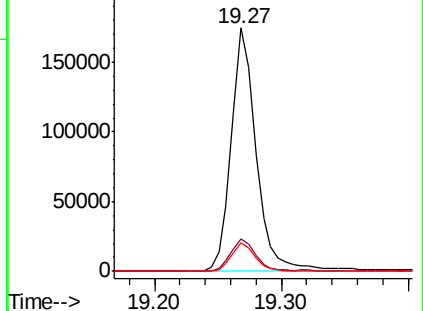
183 11.7 9.6 14.4



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: 59.848 ng

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

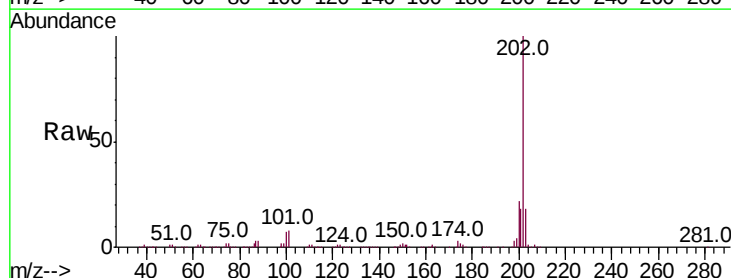
Tgt Ion:202 Resp: 796072

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

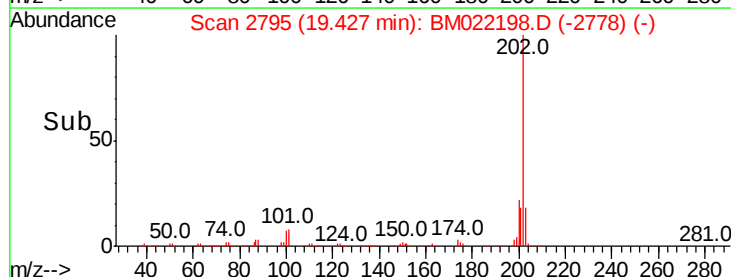
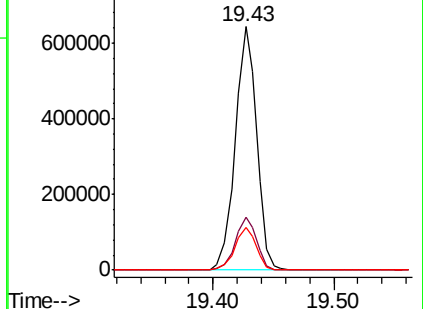
203 17.5 14.0 21.0

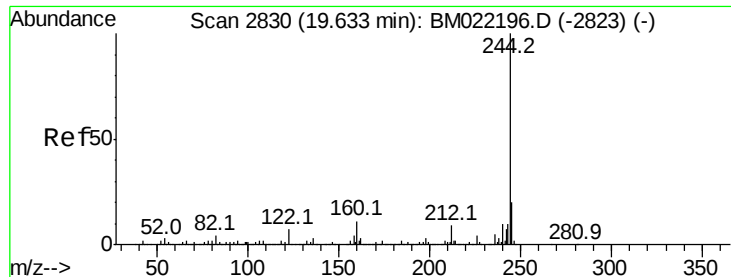


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 162.934 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

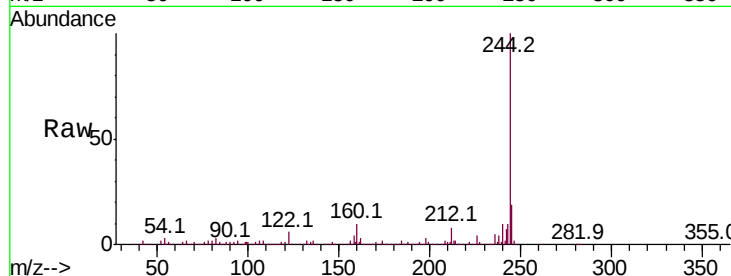
Tot Ion:244 Resp: 1599994

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.3	7.9#
122	6.3	6.6	9.8#

244 100

212 8.3 5.3 7.9#

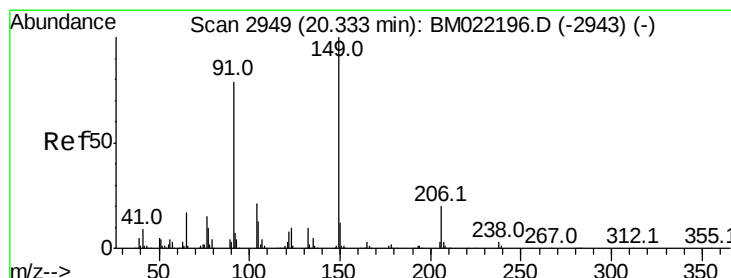
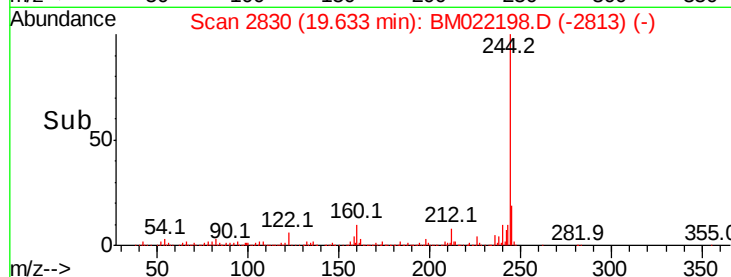
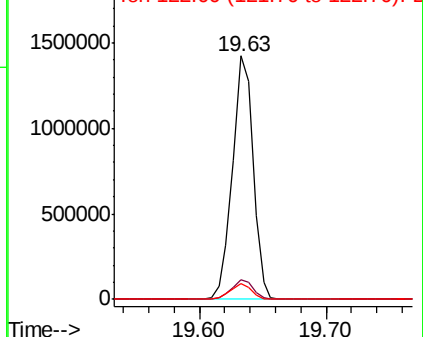
122 6.3 6.6 9.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 66.765 ng

RT: 20.33 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

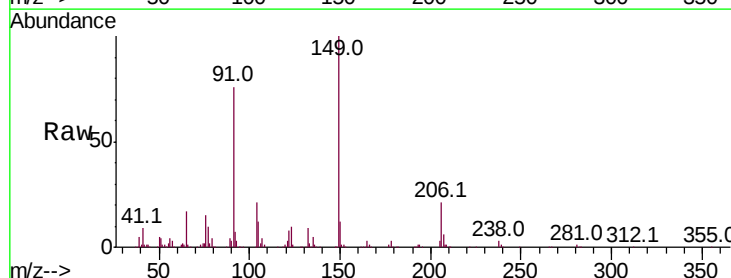
Tgt Ion:149 Resp: 353973

Ion	Ratio	Lower	Upper
149	100		
91	76.4	50.9	76.3#
206	20.6	19.7	29.5

149 100

91 76.4 50.9 76.3#

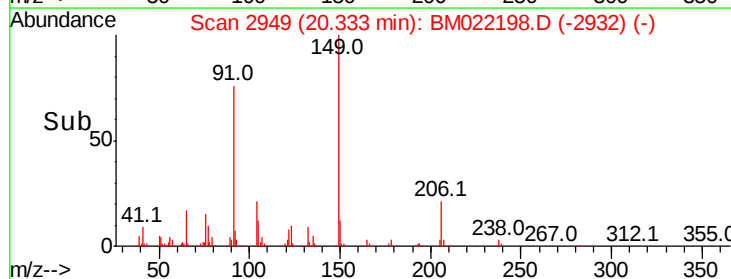
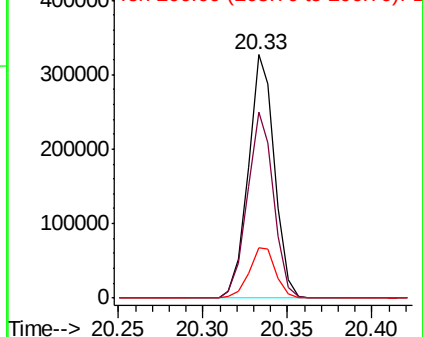
206 20.6 19.7 29.5

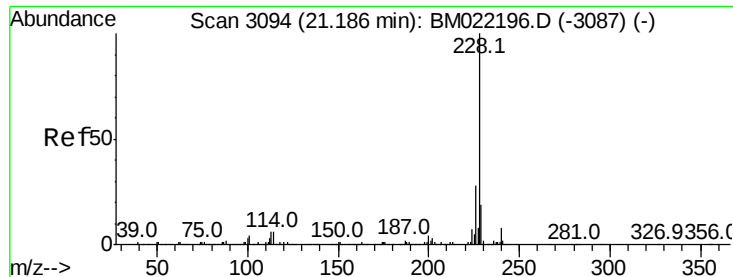


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

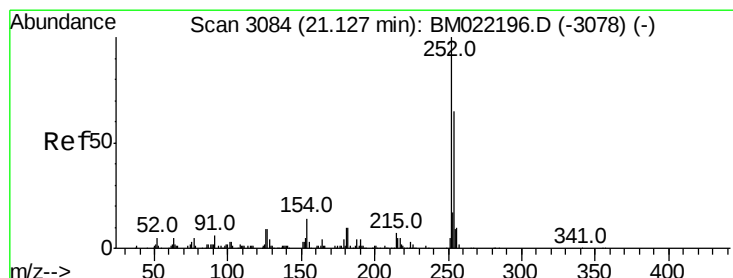
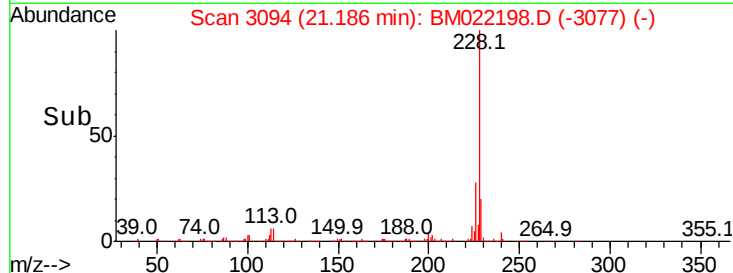
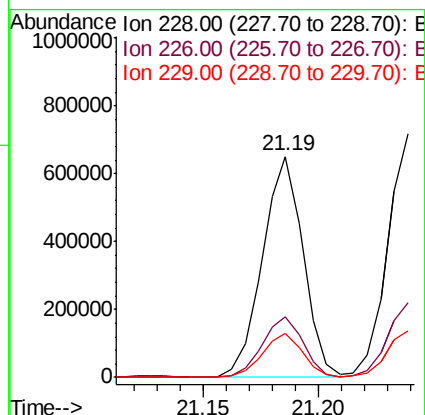
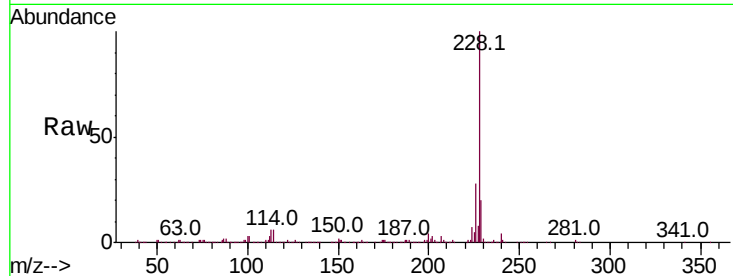




#81
Benzo(a)anthracene
Concen: 63.793 ng
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

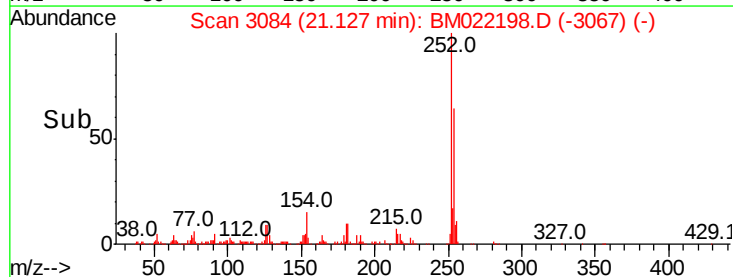
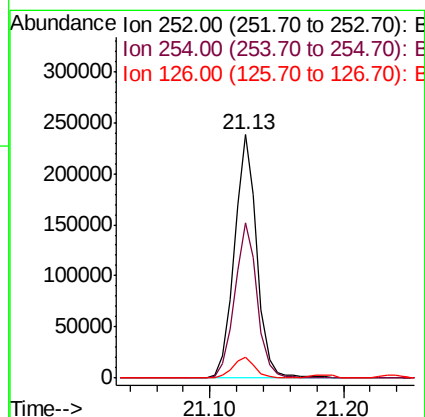
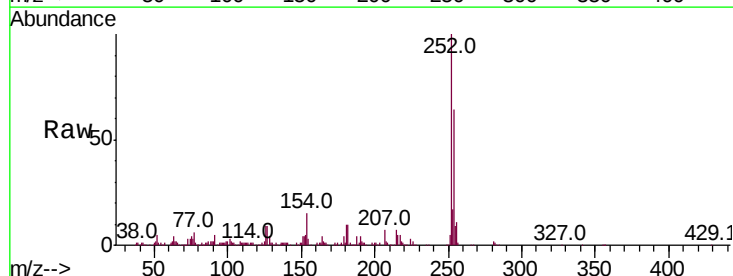
Instrument :
BNA_M
ClientSampleId :

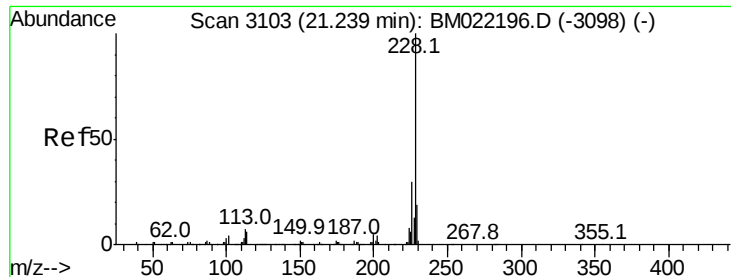
Tot	Ion:228	Resp:	797577
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	19.7	15.5	23.3



#82
3,3'-Dichlorobenzidine
Concen: 59.139 ng
RT: 21.13 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt	Ion:252	Resp:	280051
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.7	77.5
126	8.8	6.6	9.8





#83

Chrysene

Concen: 64.519 ng

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

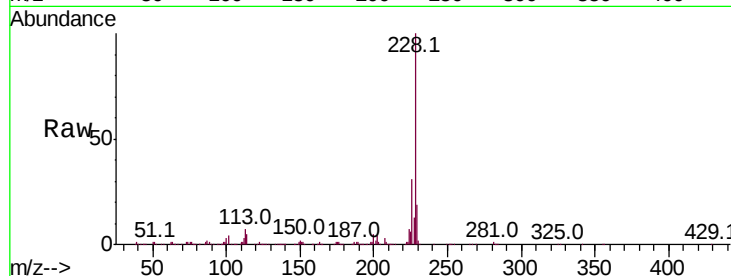
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 768443

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.4	15.6	23.4

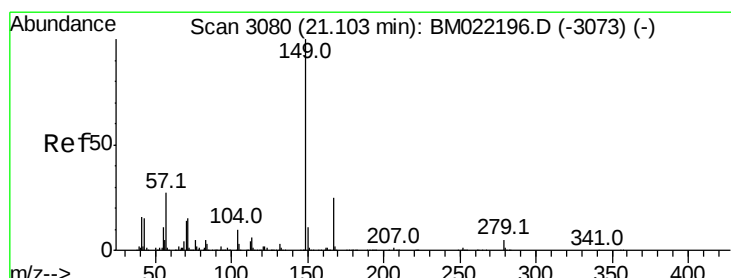
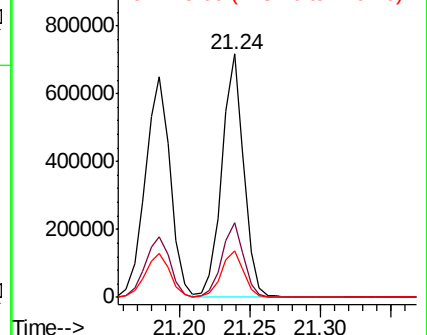
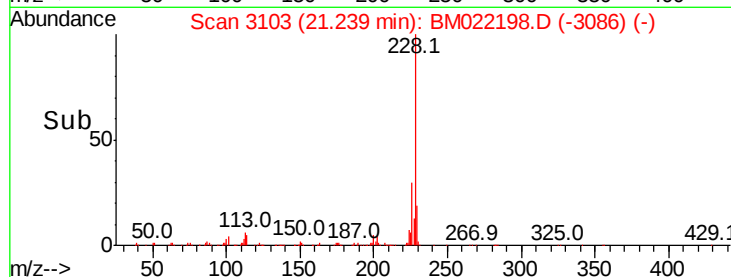


Abundance

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: 70.528 ng

RT: 21.10 min Scan# 3080

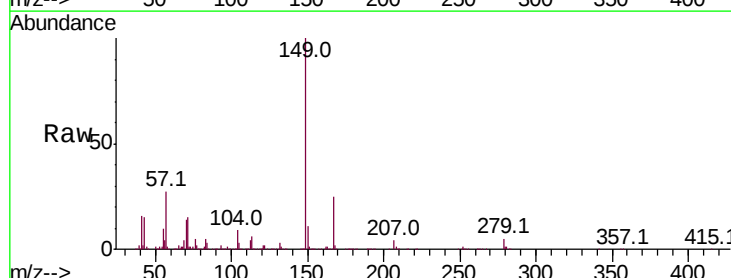
Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Tgt Ion:149 Resp: 532191

Ion	Ratio	Lower	Upper
149	100		
167	25.5	23.0	34.4
279	4.8	4.6	7.0

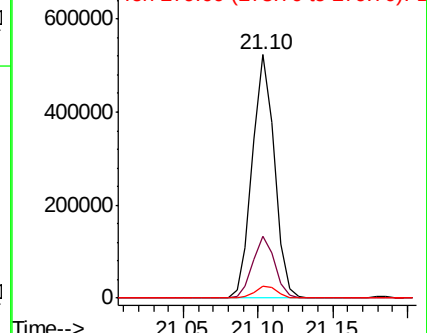
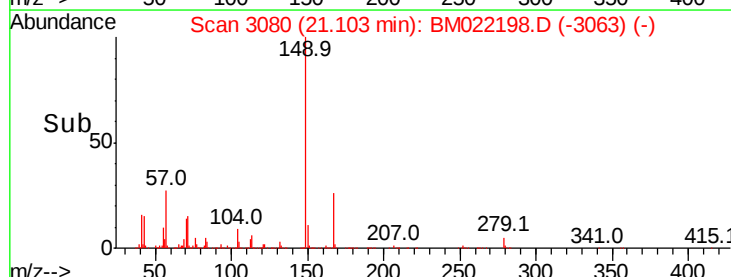


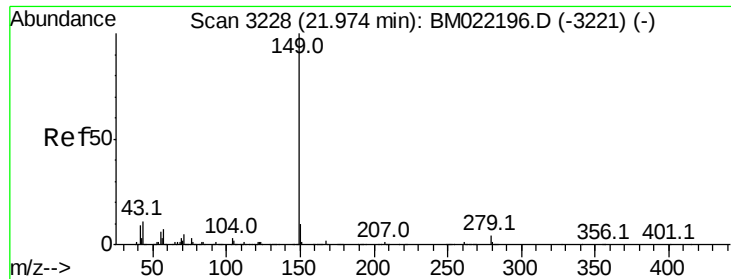
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.319 ng

RT: 21.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

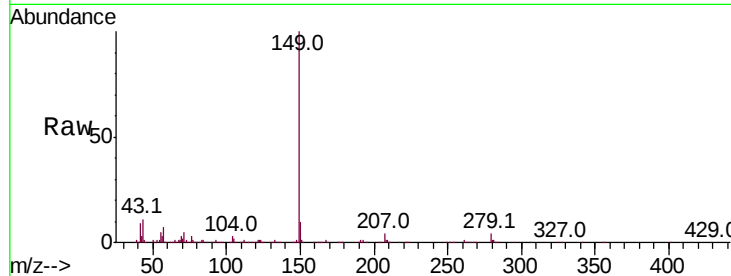
Tot Ion:149 Resp: 870083

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

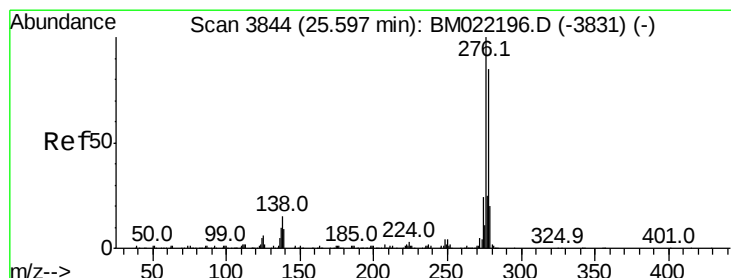
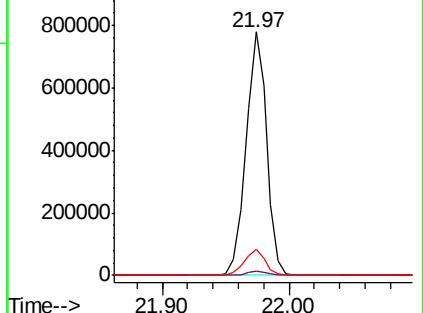
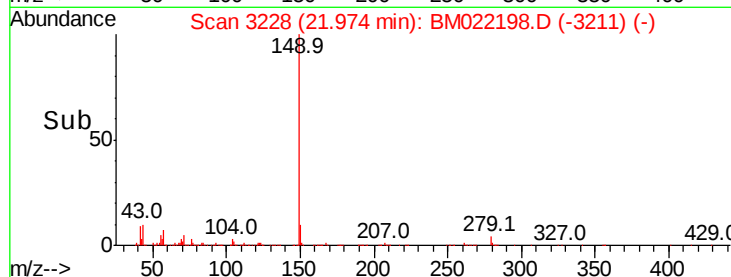
43 10.5 6.2 9.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 65.857 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

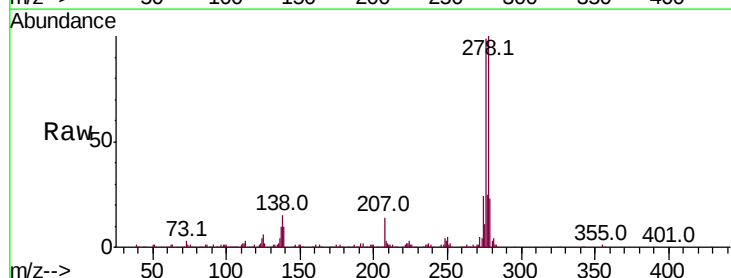
Tgt Ion:276 Resp: 867925

Ion Ratio Lower Upper

276 100

138 15.8 15.4 23.0

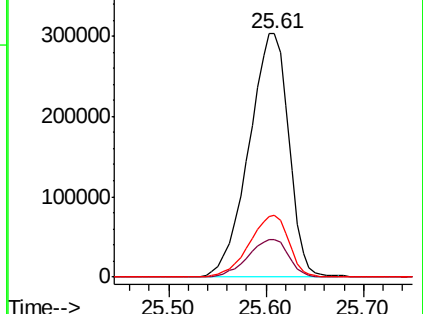
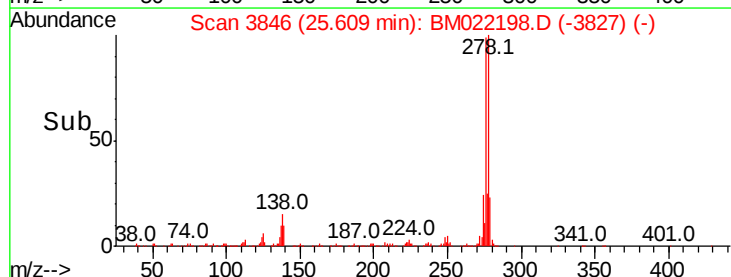
277 25.3 20.4 30.6

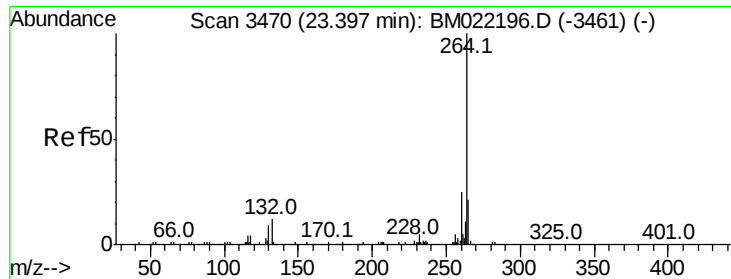


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

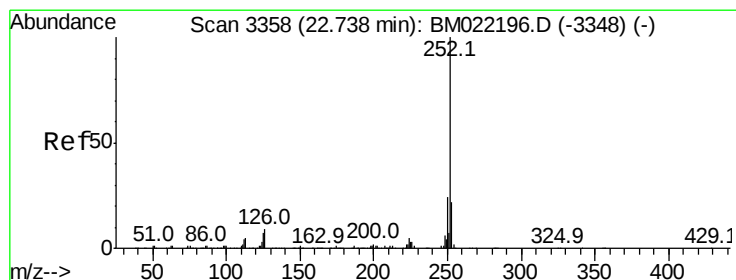
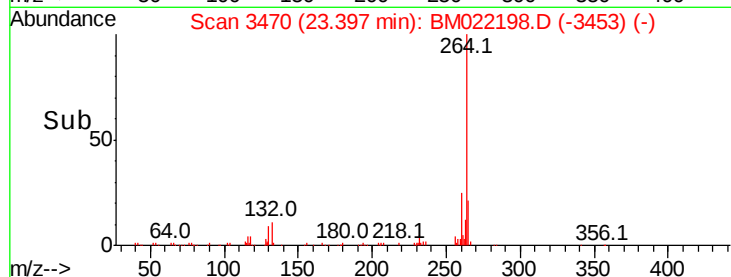
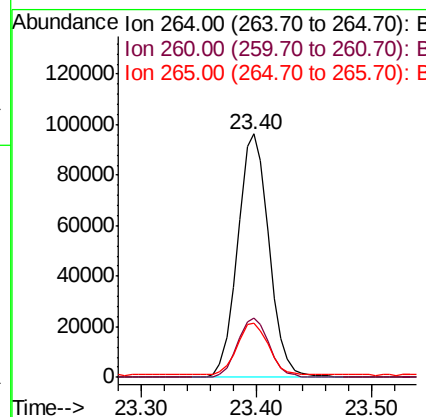
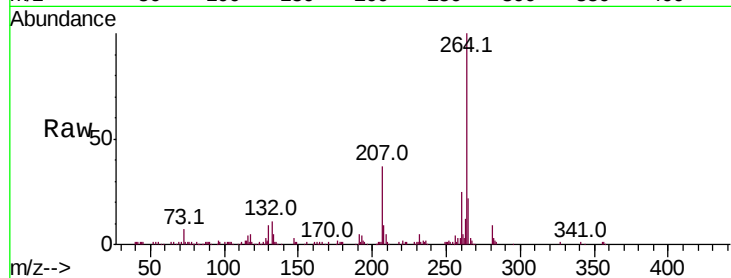




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

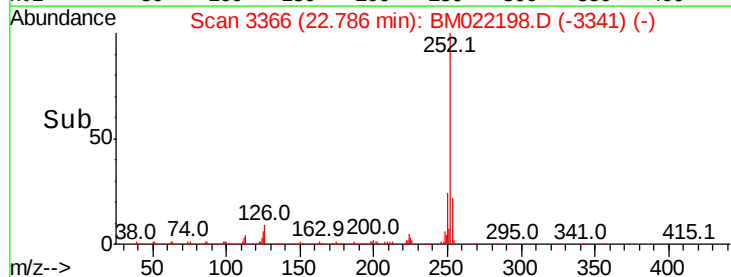
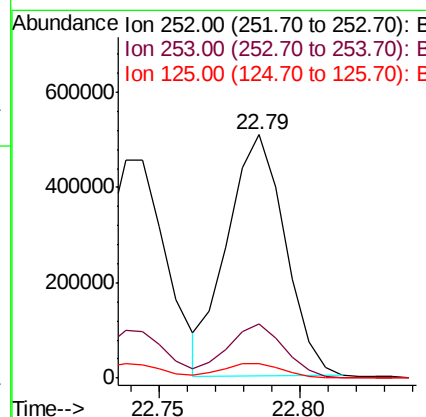
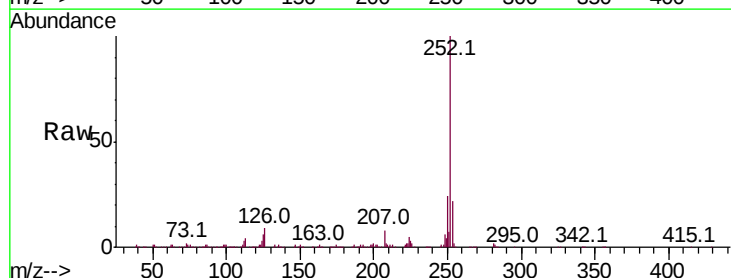
Instrument :
BNA_M
ClientSampleId :

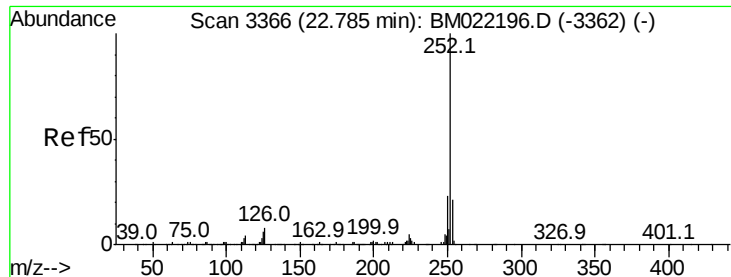
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	22.2	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 58.628 ng
RT: 22.79 min Scan# 3366
Delta R.T. 0.05 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	6.0	5.9	8.9

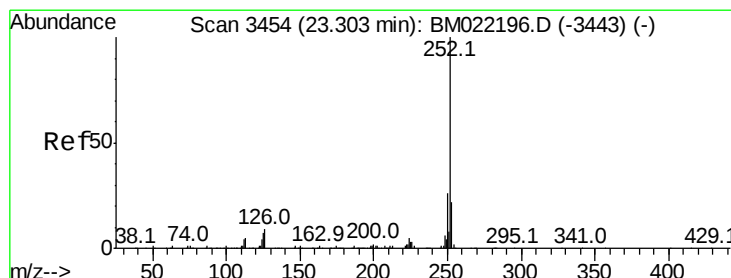
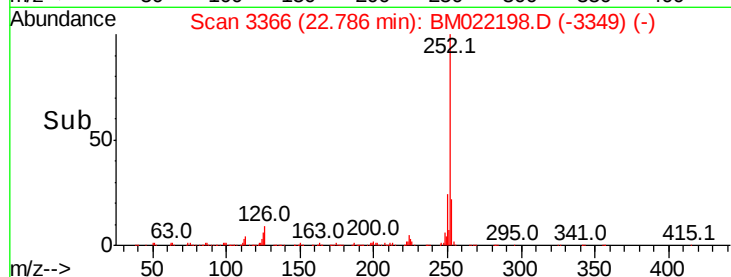
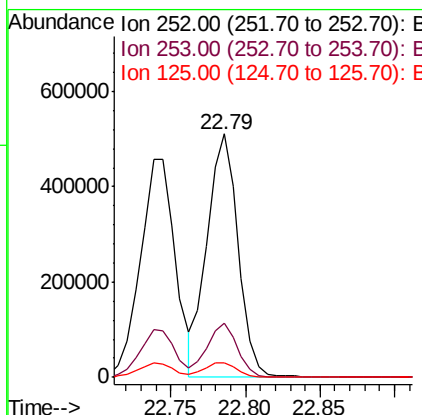
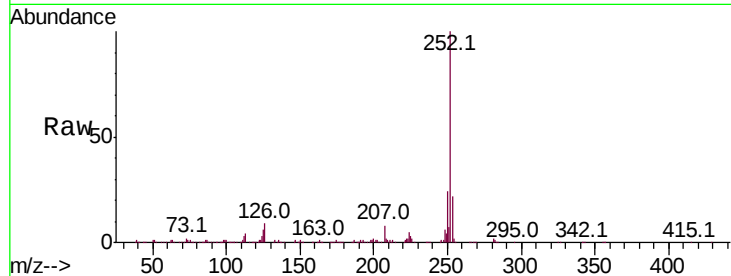




#89
Benzo(k)fluoranthene
Concen: 62.056 ng
RT: 22.79 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

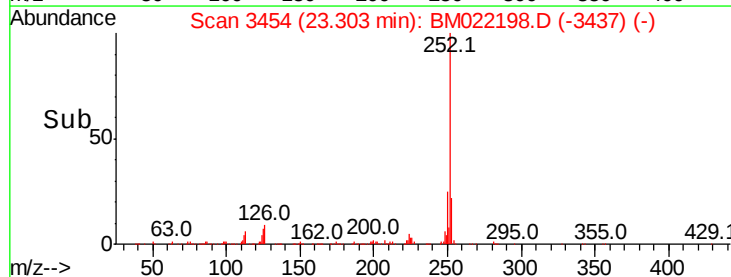
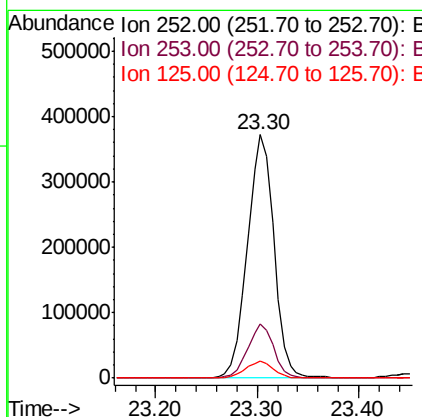
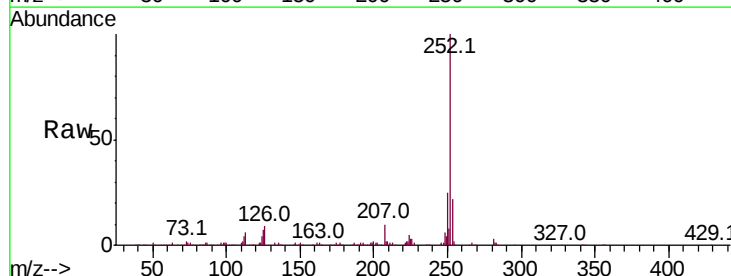
Instrument :
BNA_M
ClientSampleId :

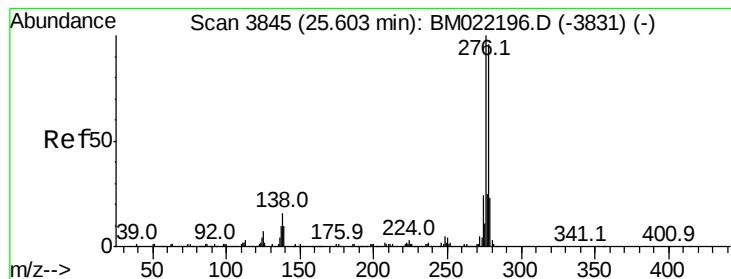
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.0	5.9	8.9



#90
Benzo(a)pyrene
Concen: 61.125 ng
RT: 23.30 min Scan# 3454
Delta R.T. 0.00 min
Lab File: BM022198.D
Acq: 19 Aug 2019 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.9	6.6	10.0





#91

Dibenzo(a,h)anthracene

Concen: 66.289 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

Instrument :

BNA_M

ClientSampleId :

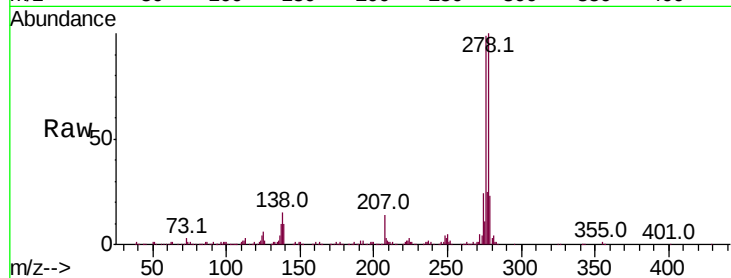
Tot Ion:278 Resp: 730431

Ion Ratio Lower Upper

278 100

139 9.6 9.8 14.8#

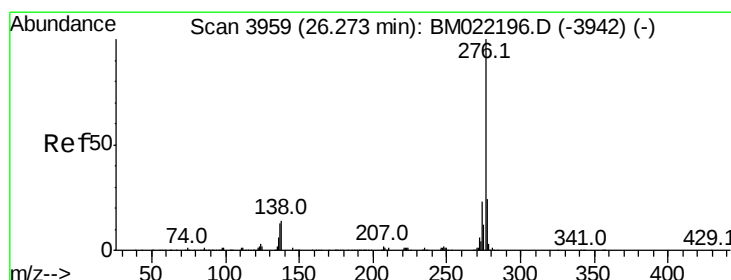
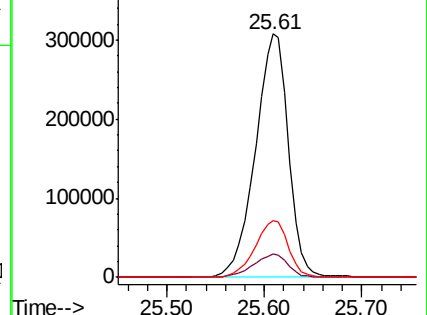
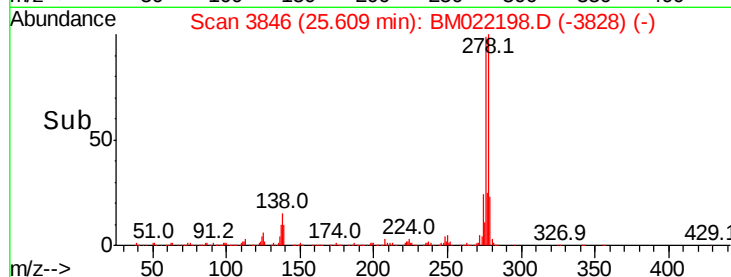
279 23.4 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.531 ng

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM022198.D

Acq: 19 Aug 2019 20:17

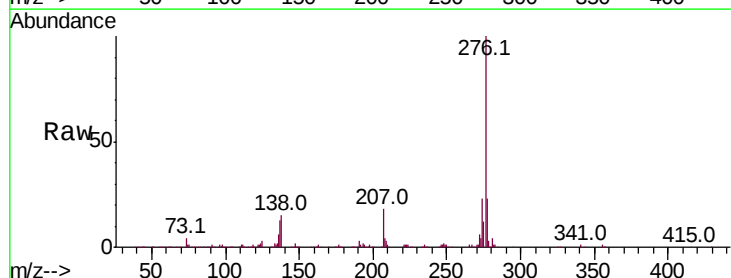
Tgt Ion:276 Resp: 632259

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 15.3 13.1 19.7



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

