

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020398.D
 Acq On : 18 May 2019 12:24
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 07:11:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	54466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	204295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	130715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	321672	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	359838	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	397851	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13582	9.20	ng/uL	0.00
5) Phenol-d5	6.90	99	89930	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	59414	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	70606	22.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	64267	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29795	22.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	30125	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	70581	22.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	66711	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	208060	22.12	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	260451	22.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	24723	18.10	ng/ul	0.00
57) Fluorene-d10	15.37	176	190350	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	31540	17.21	ng/ul	0.00
70) Anthracene-d10	17.23	188	310459	22.50	ng/ul	0.00
78) Pyrene-d10	19.53	212	351713	20.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	401444	22.20	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	15444	10.028	ng/uL 97
4) Benzaldehyde	6.89	77	74143	19.919	ng/ul 98
6) Phenol	6.92	94	95658	20.928	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.16	93	73461	21.267	ng/ul 99
10) 2-Chlorophenol	7.29	128	71661	22.035	ng/ul 97
11) 2-Methylphenol	8.17	108	63103	20.313	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	48188	20.515	ng/ul 98
14) Acetophenone	8.56	105	113429	20.997	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.54	70	62344	20.222	ng/ul 98
16) 4-Methylphenol	8.50	108	69359	20.610	ng/ul 99
17) Hexachloroethane	8.79	117	35031	22.809	ng/ul 97
20) Nitrobenzene	8.94	77	99233	22.923	ng/ul 97
21) Isophorone	9.46	82	167159	22.316	ng/ul 99
23) 2-Nitrophenol	9.65	139	33643	21.217	ng/ul 92
24) 2,4-Dimethylphenol	9.69	107	80527	22.145	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.94	93	87635	21.628	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	71323	23.648	ng/ul 97
28) Naphthalene	10.57	128	210709	22.449	ng/ul 98
30) 4-Chloroaniline	10.69	127	70251	21.454	ng/ul 98
31) Hexachlorobutadiene	10.83	225	62935	23.975	ng/ul 96
32) Caprolactam	11.50	113	6805	7.906	ng/ul 99
33) 4-Chloro-3-methylphenol	11.81	107	67806	22.245	ng/ul 94
34) 2-Methylnaphthalene	12.19	142	148022	21.781	ng/ul 95

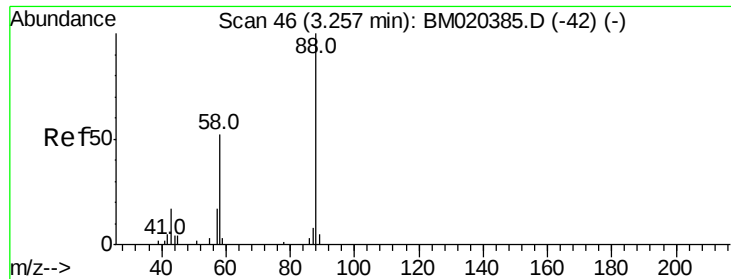
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	109261	23.186	ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	48868	17.331	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	60467	21.960	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	61362	22.555	ng/ul	97
40) 1,1'-Biphenyl	13.21	154	203500	21.746	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	166244	22.314	ng/ul	99
42) 2-Nitroaniline	13.47	65	36233	18.988	ng/ul	98
44) Dimethylphthalate	13.84	163	205840	22.125	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	33608	20.694	ng/ul	92
47) Acenaphthylene	14.10	152	241202	21.743	ng/ul	99
48) 3-Nitroaniline	14.31	138	24236	17.762	ng/ul	99
49) Acenaphthene	14.44	153	167042	21.903	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	13798	13.716	ng/ul	92
52) 4-Nitrophenol	14.61	109	26337	18.449	ng/ul	92
53) Dibenzofuran	14.78	168	263762	22.839	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	54140	21.785	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.01	232	61258	22.374	ng/ul#	95
56) Diethylphthalate	15.20	149	199656	22.188	ng/ul	98
58) Fluorene	15.43	166	207251	22.401	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	126641	23.330	ng/ul	98
60) 4-Nitroaniline	15.47	138	27281	18.382	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	32190	16.885	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	175473	22.046	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	77991	22.222	ng/ul	94
66) Hexachlorobenzene	16.42	284	93941	22.840	ng/ul	97
67) Atrazine	16.60	200	64418	19.773	ng/ul	98
68) Pentachlorophenol	16.77	266	48817	20.396	ng/ul	98
69) Phenanthrene	17.17	178	342432	22.342	ng/ul	100
71) Anthracene	17.26	178	348046	22.324	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	111026	22.599	ng/ul	97
73) Pentachlorobenzene	14.69	250	109741	22.953	ng/ul	95
74) Carbazole	17.54	167	279069	21.088	ng/ul	100
75) Di-n-butylphthalate	18.09	149	304708	21.214	ng/ul	99
76) Fluoranthene	19.19	202	426124	22.010	ng/ul	100
79) Pvrene	19.56	202	447767	20.732	ng/ul	99
80) Butylbenzylphthalate	20.46	149	121321	17.915	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	125883	19.087	ng/ul	92
82) Benzo(a)anthracene	21.31	228	475726	21.965	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	184905	18.812	ng/ul	100
84) Chrysene	21.36	228	463947	22.416	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	337932	17.490	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	492558	21.692	ng/ul	99
88) Benzo(k)fluoranthene	22.95	252	497794	22.320	ng/ul	99
90) Benzo(a)pyrene	23.49	252	478437	22.390	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	582118	23.907	ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	498431	23.938	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	472239	23.430	ng/ul	99

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



#2

1,4-Dioxane

Concen: 10.028 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

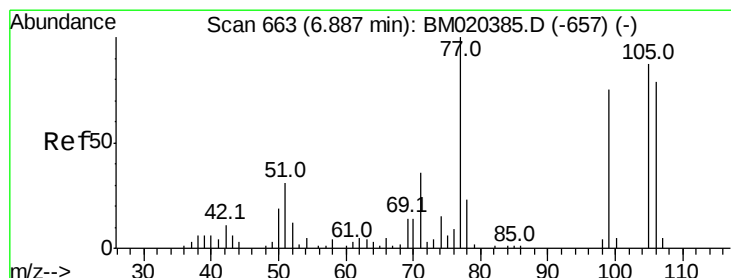
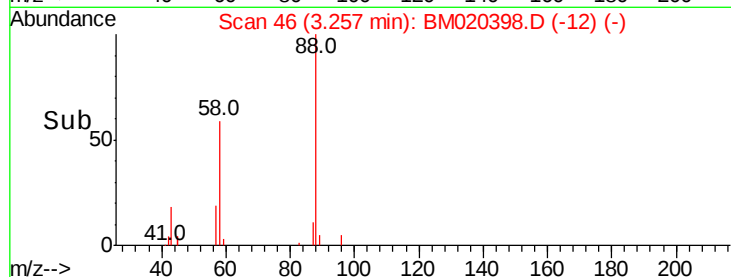
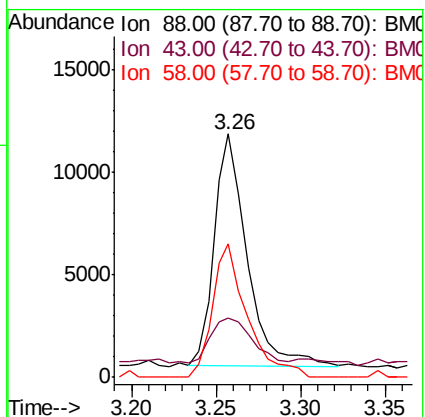
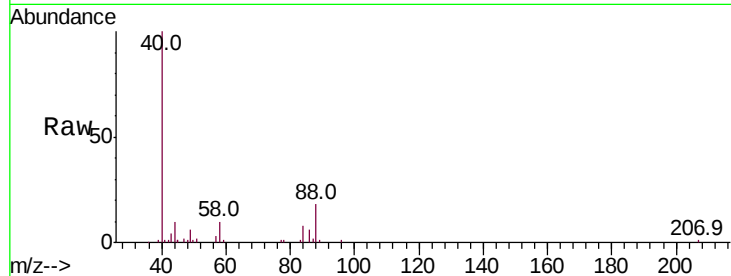
Tot Ion: 88 Resp: 15444

Ion Ratio Lower Upper

88 100

43 24.2 21.4 32.2

58 54.8 45.1 67.7



#4

Benzaldehyde

Concen: 19.919 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

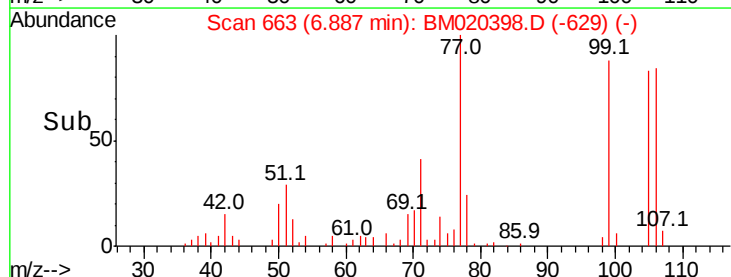
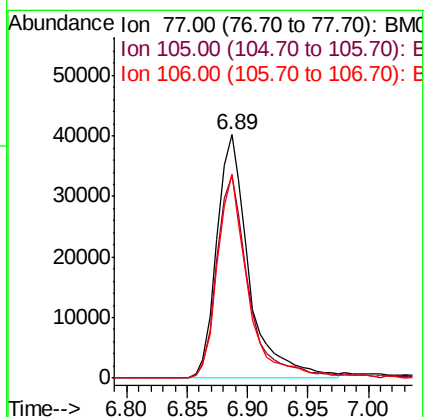
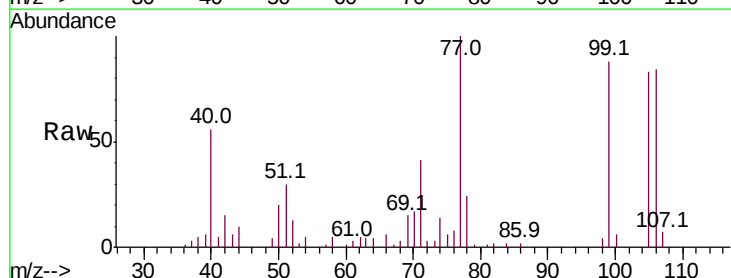
Tgt Ion: 77 Resp: 74143

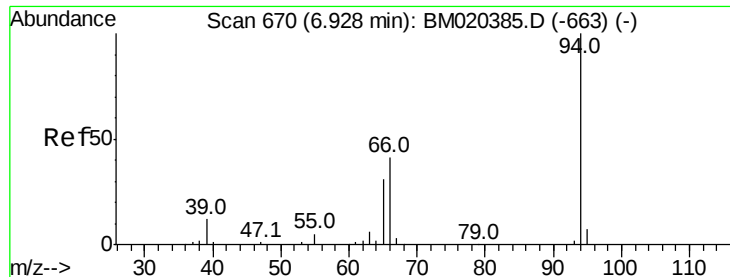
Ion Ratio Lower Upper

77 100

105 83.2 67.4 101.0

106 83.6 64.8 97.2





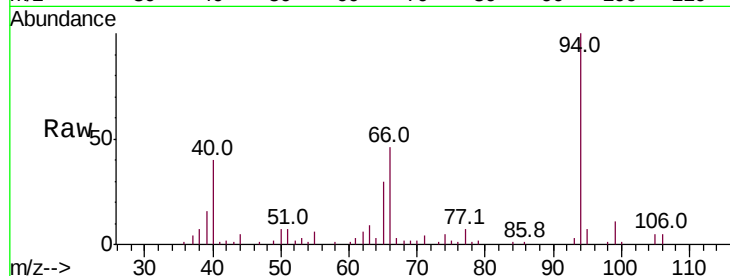
#6

Phenol

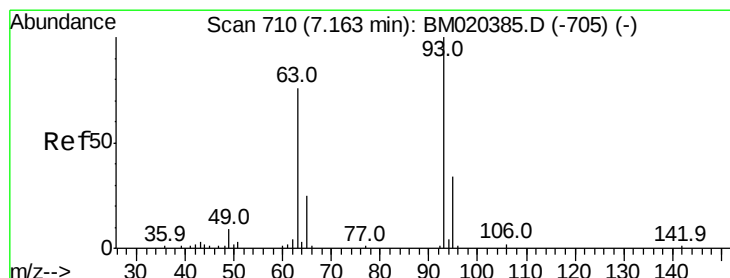
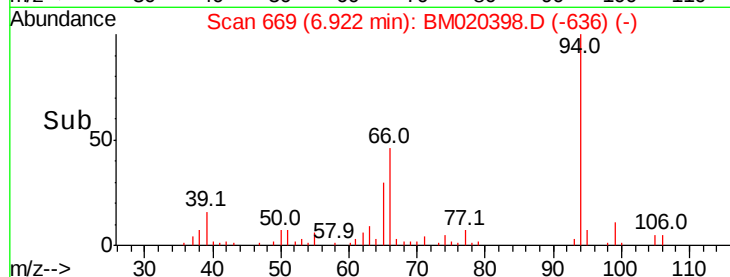
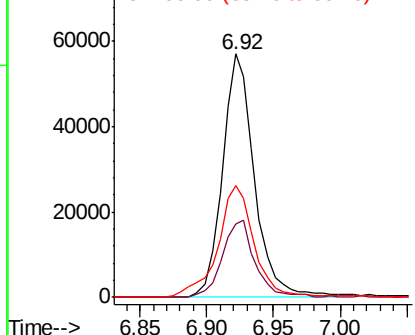
Concen: 20.928 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 94 Resp: 95658
 Ion Ratio Lower Upper
 94 100
 65 30.3 25.4 38.0
 66 46.0 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0

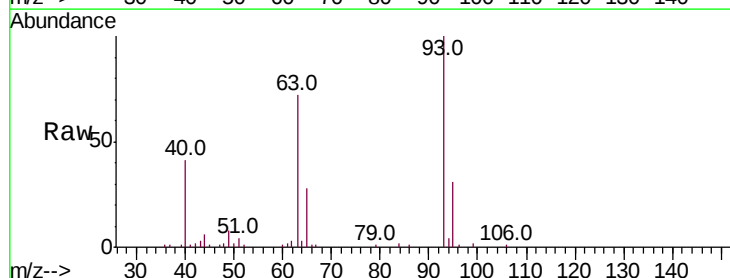


#8

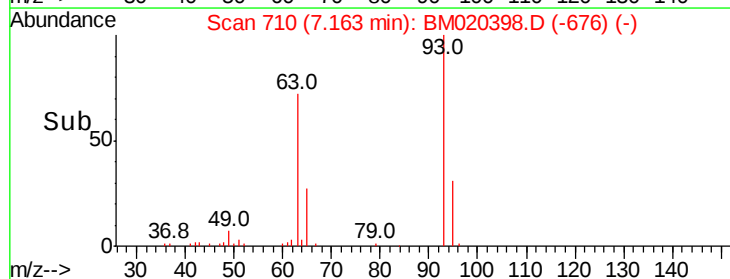
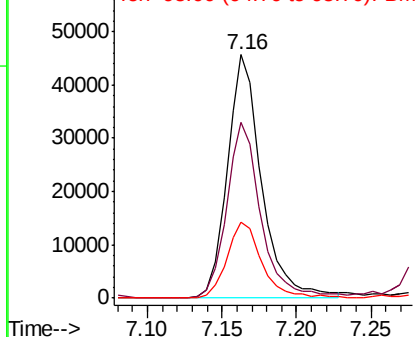
Bis(2-Chloroethyl)ether

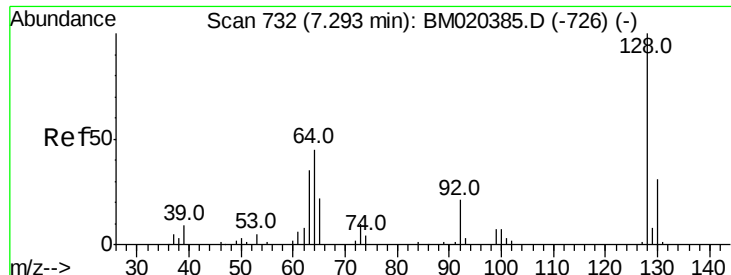
Concen: 21.267 ng/ul
 RT: 7.16 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion: 93 Resp: 73461
 Ion Ratio Lower Upper
 93 100
 63 72.4 56.7 85.1
 95 31.2 25.1 37.7



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0

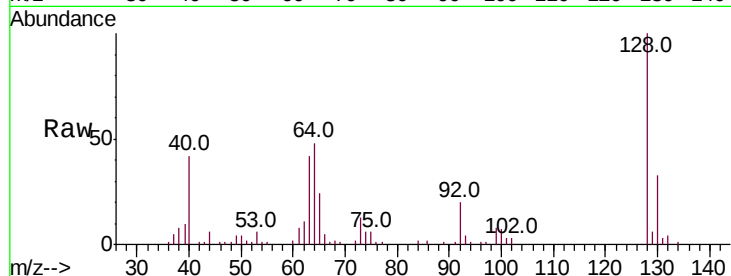




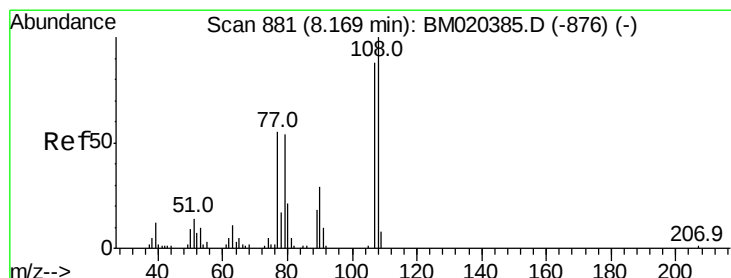
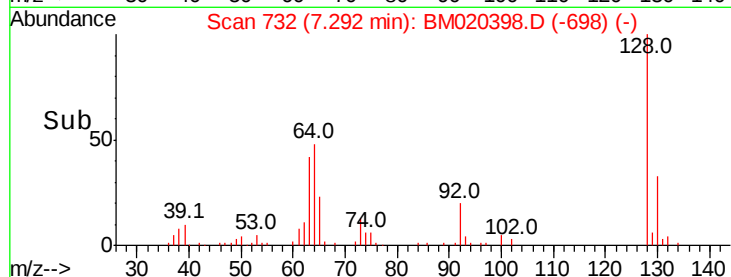
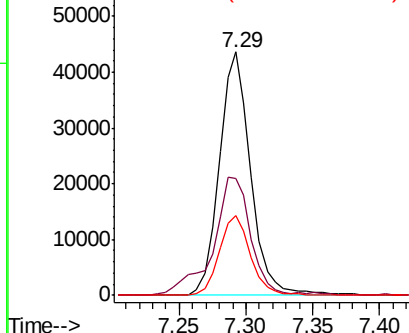
#10
 2-Chlorophenol
 Concen: 22.035 ng/ul
 RT: 7.29 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:128 Resp: 71661
 Ion Ratio Lower Upper
 128 100
 64 48.0 40.6 60.8
 130 32.9 25.1 37.7

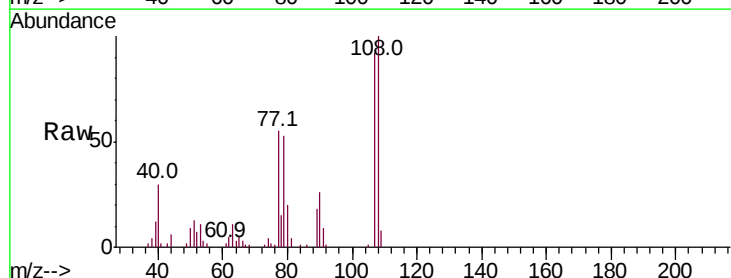


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BM
 Ion 130.00 (129.70 to 130.70): E

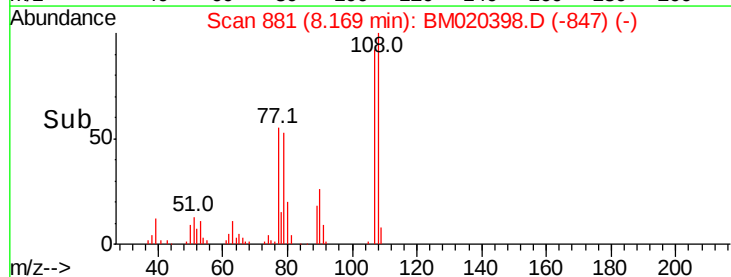
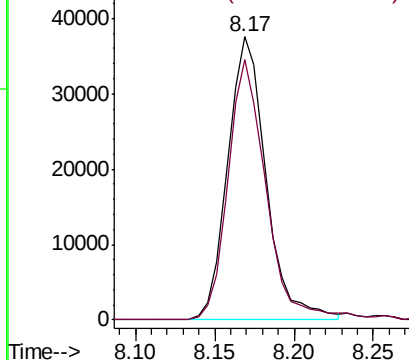


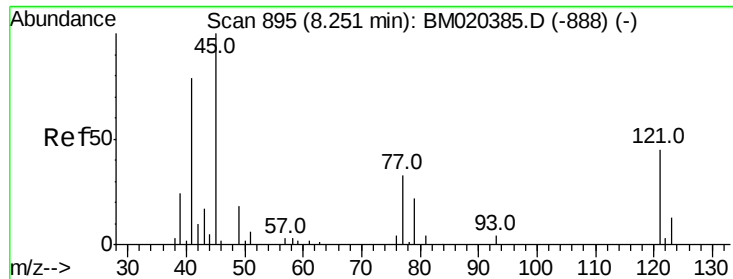
#11
 2-Methylphenol
 Concen: 20.313 ng/ul
 RT: 8.17 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:108 Resp: 63103
 Ion Ratio Lower Upper
 108 100
 107 91.9 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): E
 Ion 107.00 (106.70 to 107.70): E

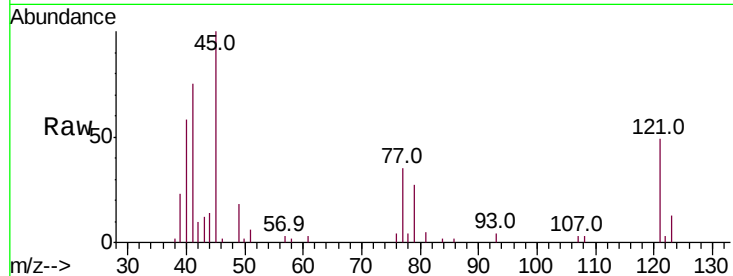




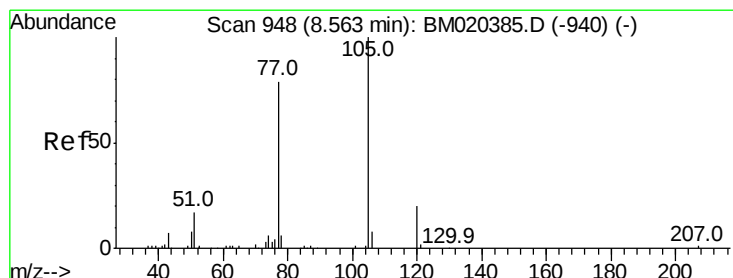
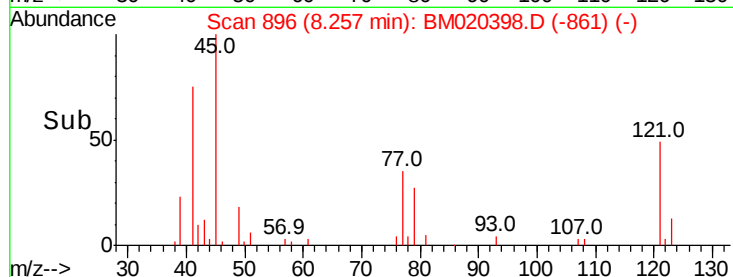
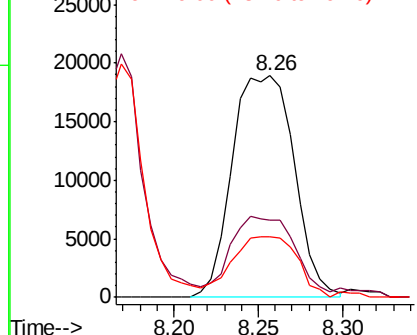
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.515 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. 0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampled :

Tot Ion: 45 Resp: 48188
Ion Ratio Lower Upper
45 100
77 34.6 27.6 41.4
79 27.4 20.5 30.7

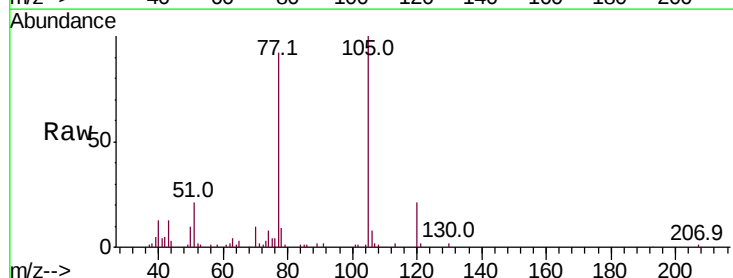


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

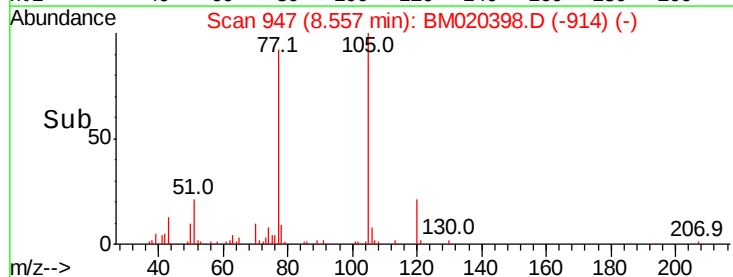
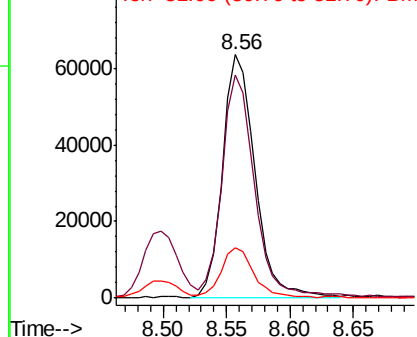


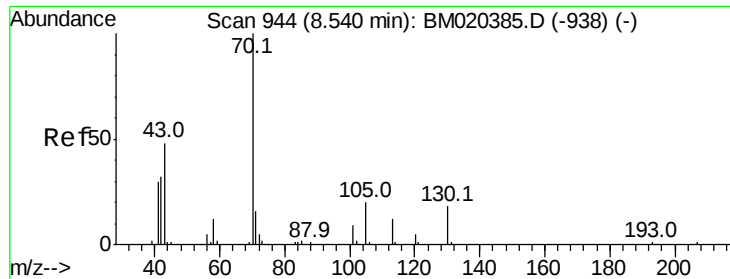
#14
Acetophenone
Concen: 20.997 ng/ul
RT: 8.56 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion:105 Resp: 113429
Ion Ratio Lower Upper
105 100
77 91.9 74.0 111.0
51 20.7 16.5 24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

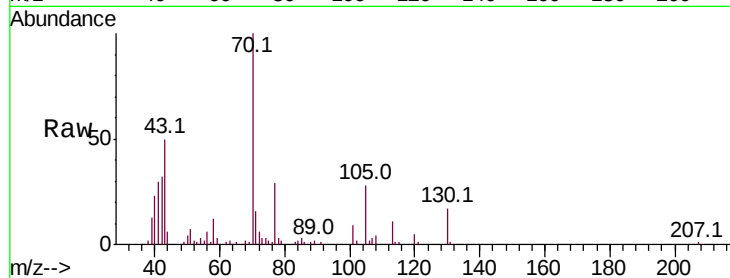




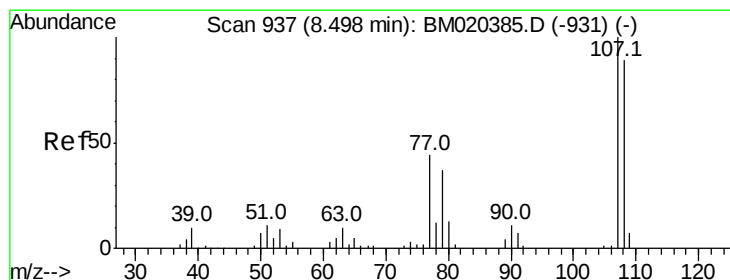
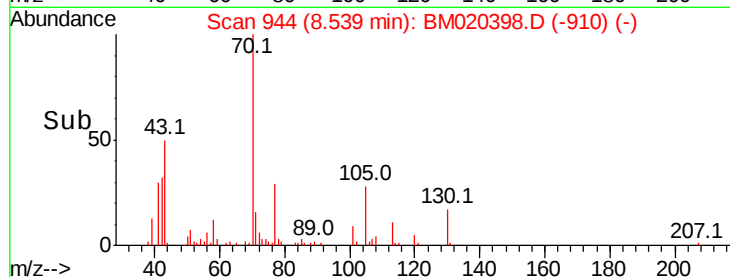
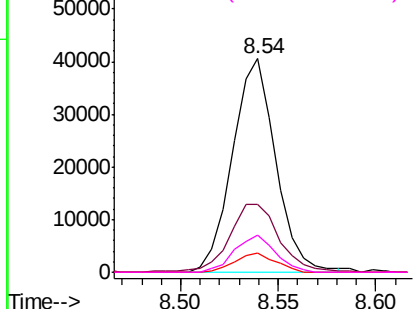
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N-Nitroso-di-n-propylamine
Concen: 20.222 ng/ul
RT: 8.54 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 62344
Ion Ratio Lower Upper
70 100
42 31.9 26.5 39.7
101 8.8 7.2 10.8
130 17.3 12.9 19.3

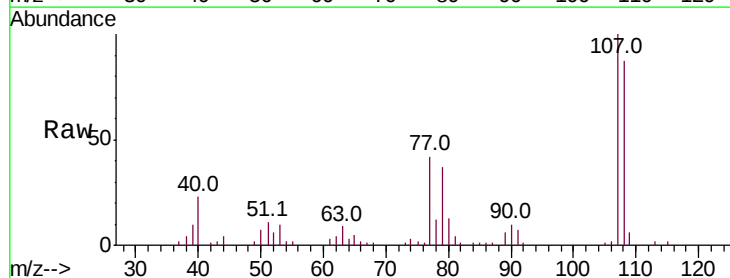


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

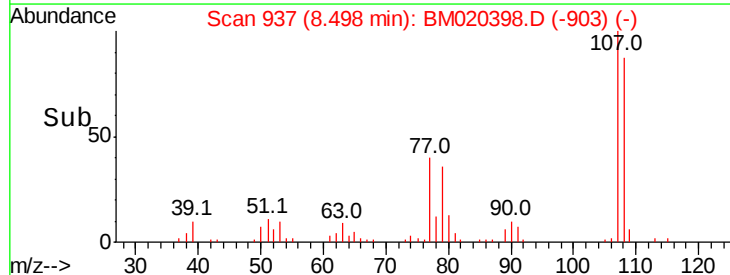
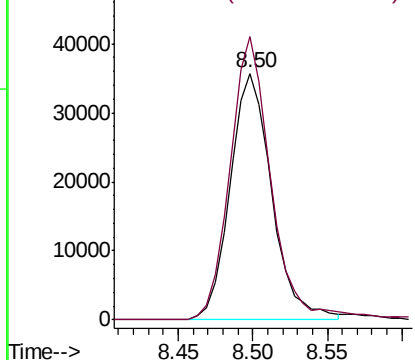


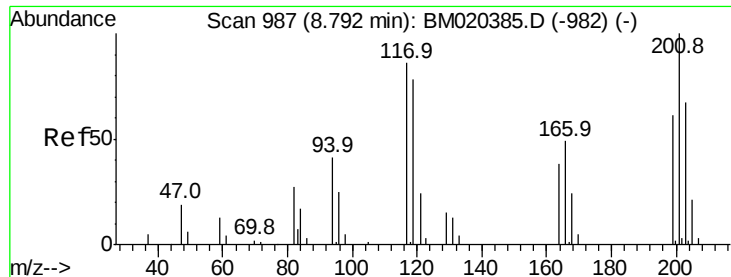
#16
4-Methylphenol
Concen: 20.610 ng/ul
RT: 8.50 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion:108 Resp: 69359
Ion Ratio Lower Upper
108 100
107 114.7 93.0 139.4



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

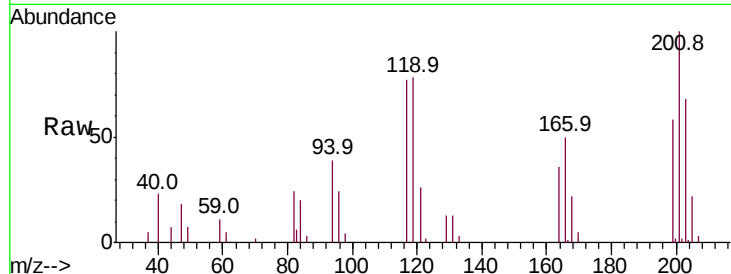




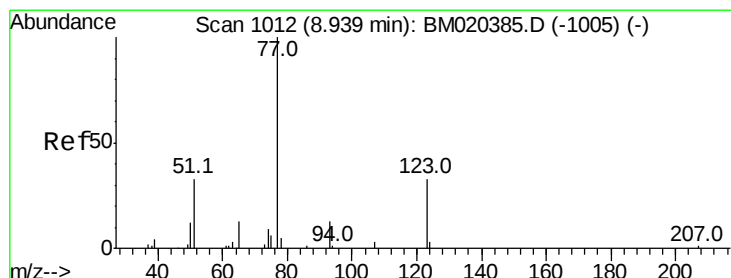
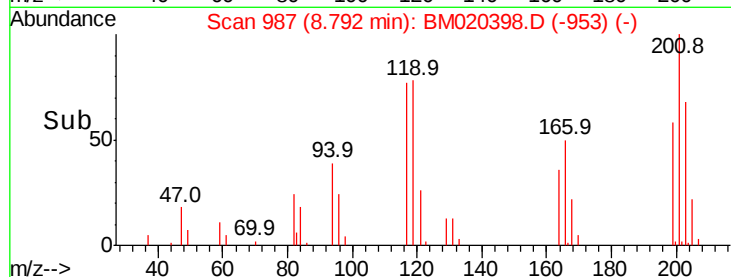
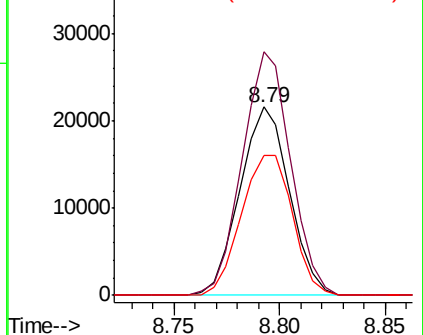
#17
Hexachloroethane
Concen: 22.809 ng/ul
RT: 8.79 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampleID :

Tot Ion:117 Resp: 35031
Ion Ratio Lower Upper
117 100
201 129.1 102.4 153.6
199 74.5 63.3 94.9

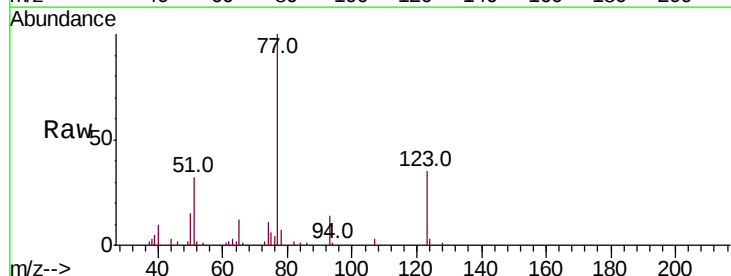


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

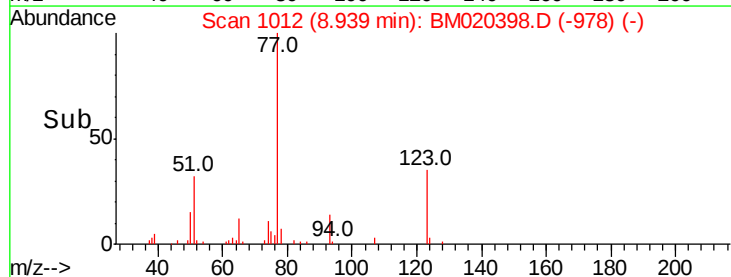
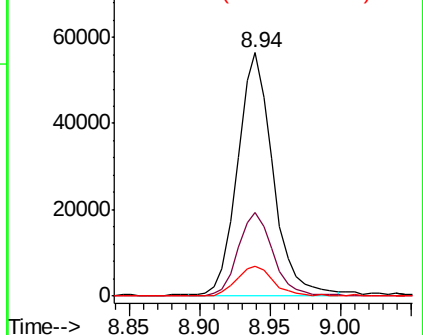


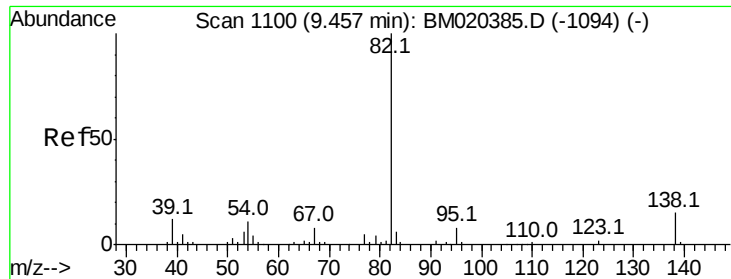
#20
Nitrobenzene
Concen: 22.923 ng/ul
RT: 8.94 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion: 77 Resp: 99233
Ion Ratio Lower Upper
77 100
123 34.5 26.0 39.0
65 12.5 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 22.316 ng/ul

RT: 9.46 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampled :

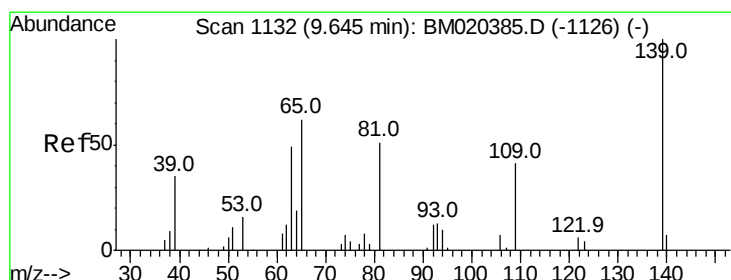
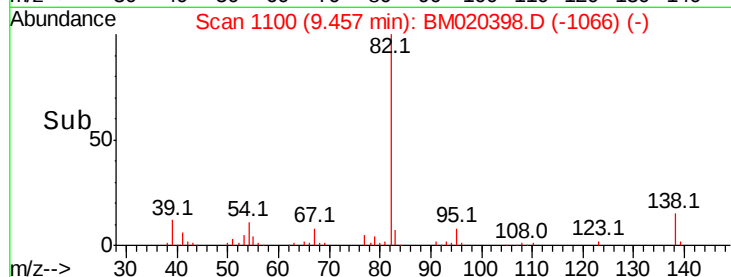
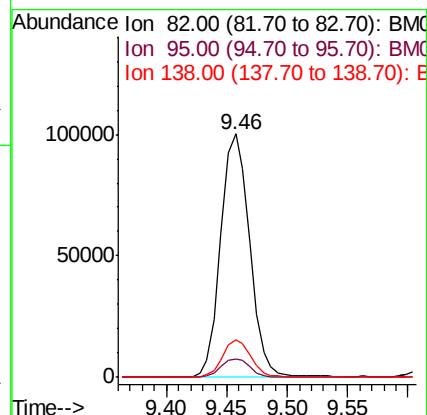
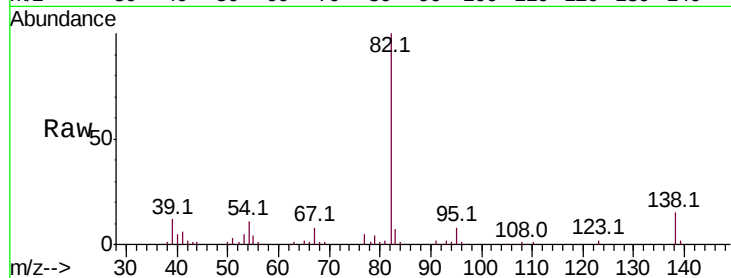
Tot Ion: 82 Resp: 167159

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 15.2 11.8 17.6



#23

2-Nitrophenol

Concen: 21.217 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

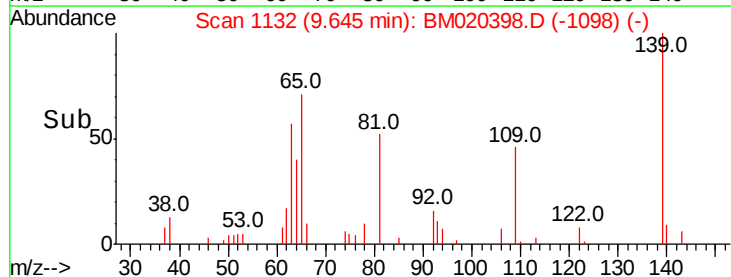
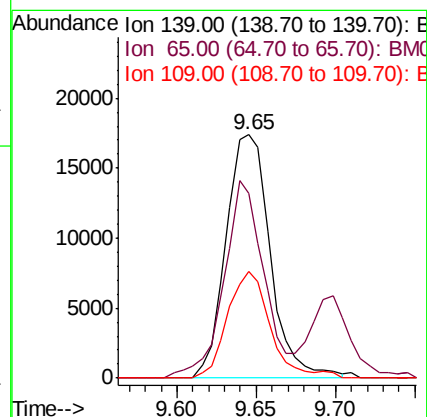
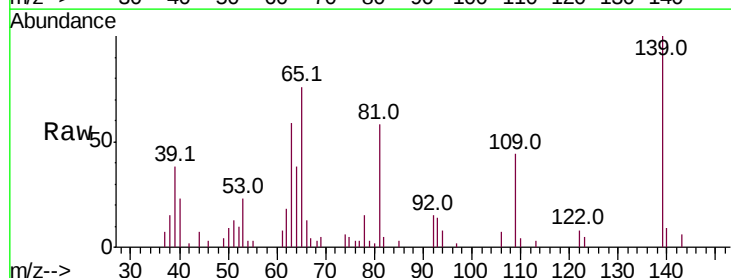
Tgt Ion:139 Resp: 33643

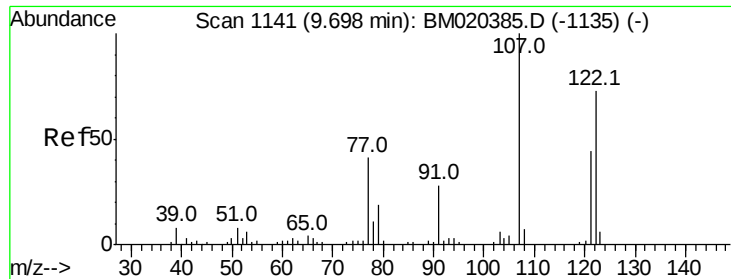
Ion Ratio Lower Upper

139 100

65 75.7 55.1 82.7

109 43.6 31.7 47.5

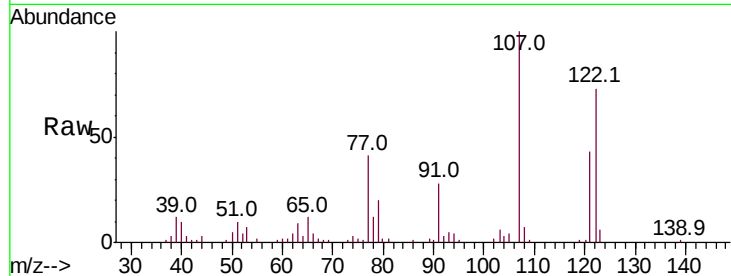




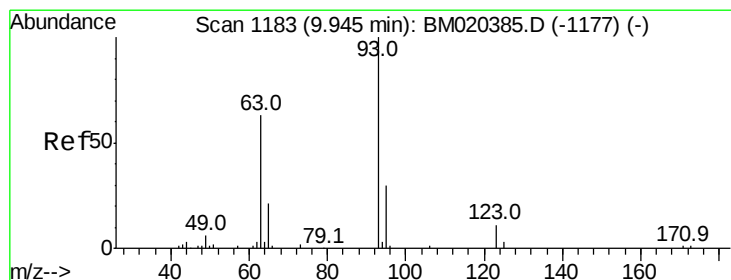
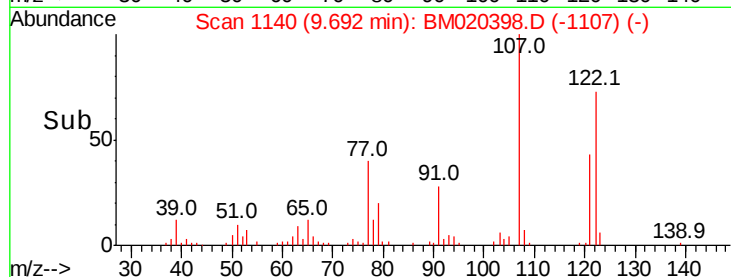
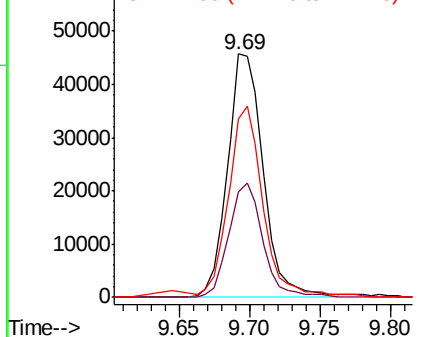
#24
 2,4-Dimethylphenol
 Concen: 22.145 ng/ul
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:107 Resp: 80527
 Ion Ratio Lower Upper
 107 100
 121 43.1 35.1 52.7
 122 73.3 58.1 87.1

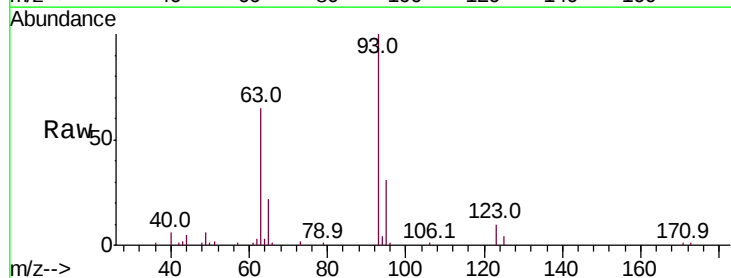


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

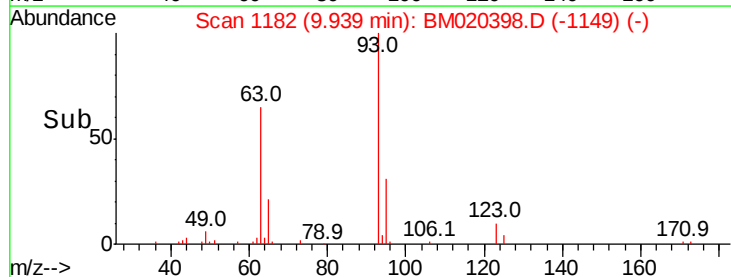
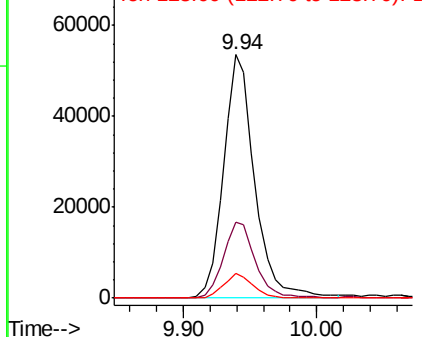


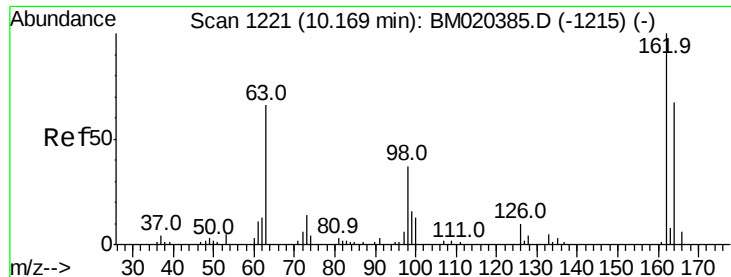
#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.628 ng/ul
 RT: 9.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion: 93 Resp: 87635
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.4 38.0
 123 10.2 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

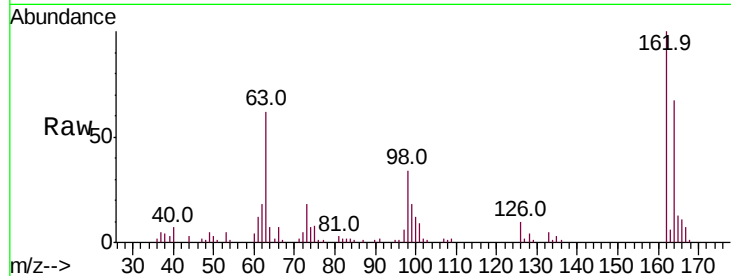




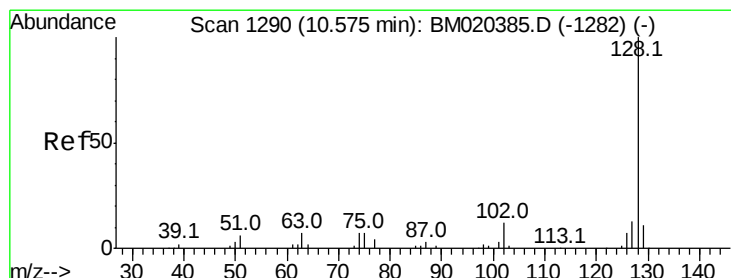
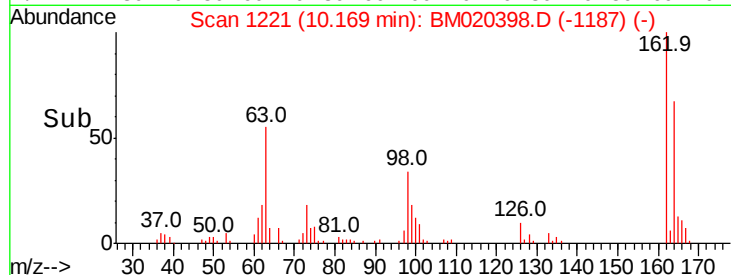
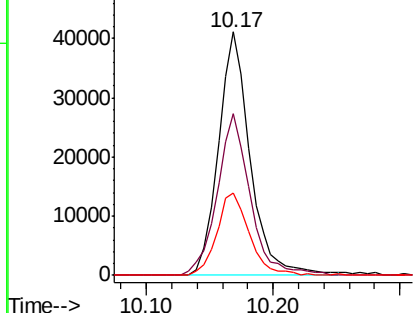
#27
2,4-Dichlorophenol
Concen: 23.648 ng/ul
RT: 10.17 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 71323
Ion Ratio Lower Upper
162 100
164 66.6 53.5 80.3
98 33.6 31.0 46.4

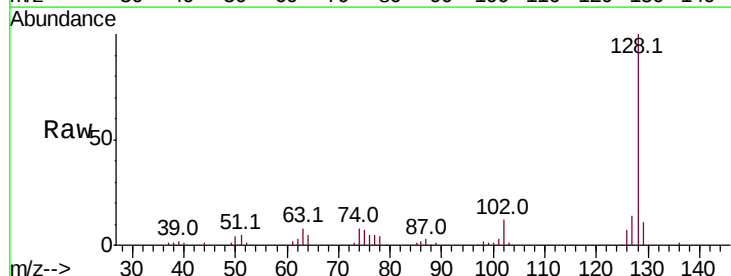


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

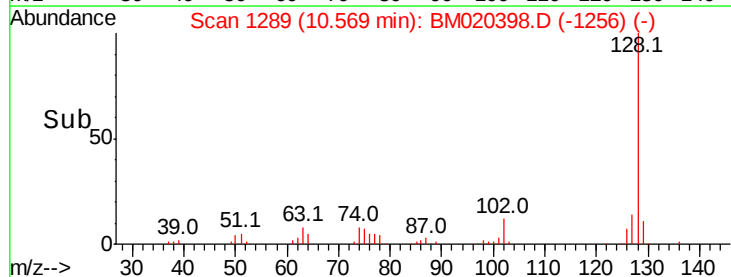
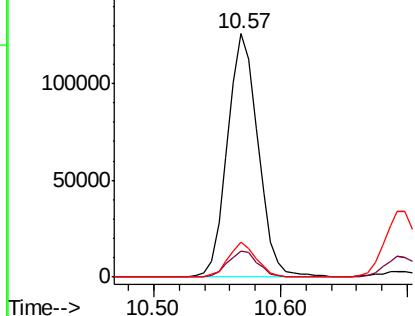


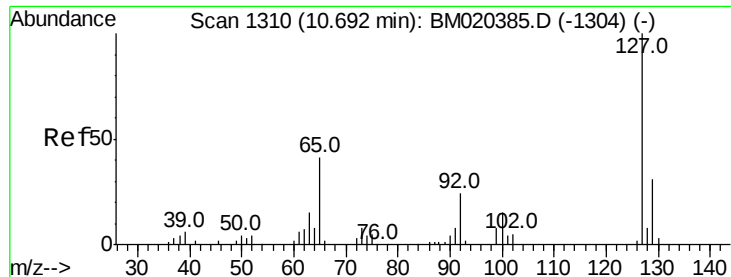
#28
Naphthalene
Concen: 22.449 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion:128 Resp: 210709
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 14.3 10.6 15.8



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





#30

4-Chloroaniline

Concen: 21.454 ng/ul

RT: 10.69 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

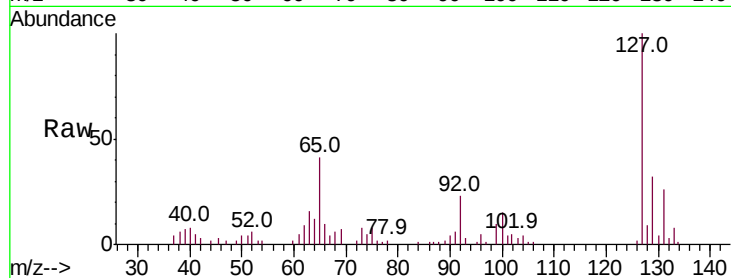
ClientSampleId :

Tot Ion:127 Resp: 70251

Ion Ratio Lower Upper

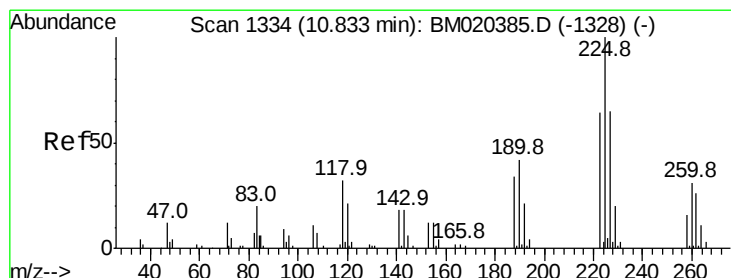
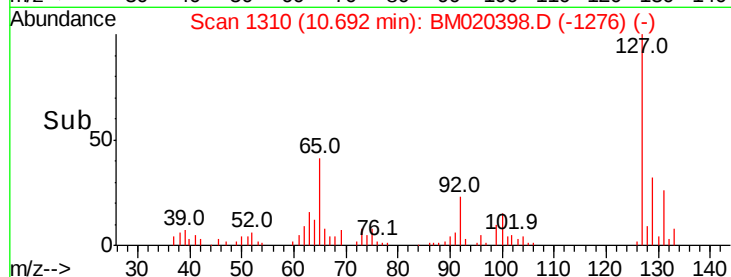
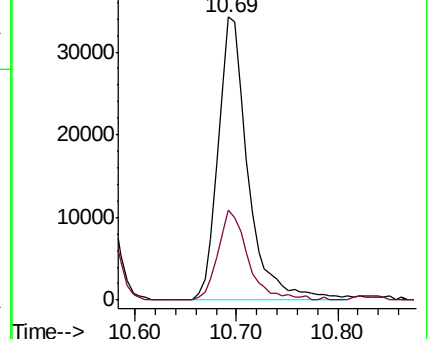
127 100

129 31.9 26.5 39.7



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 23.975 ng/ul

RT: 10.83 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

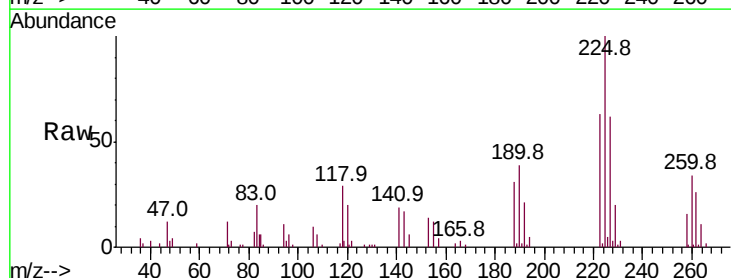
Tgt Ion:225 Resp: 62935

Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

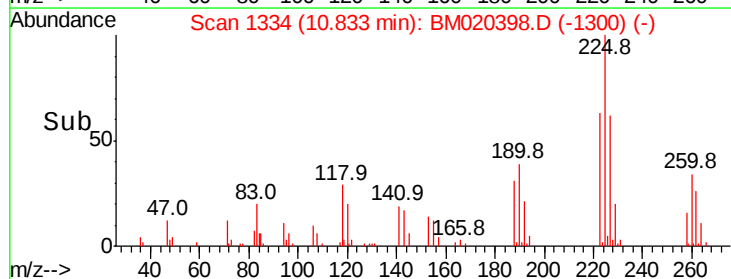
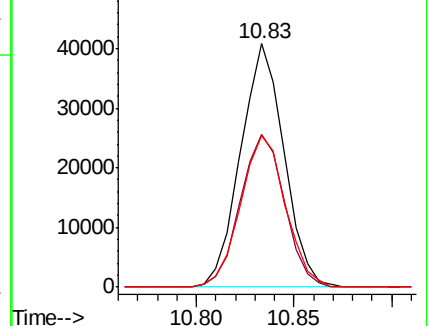
227 62.1 55.0 82.4

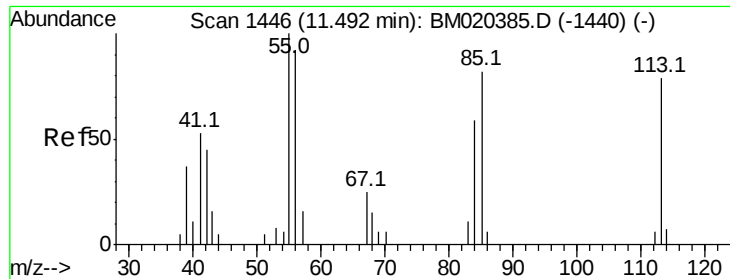


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 7.906 ng/ul

RT: 11.50 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

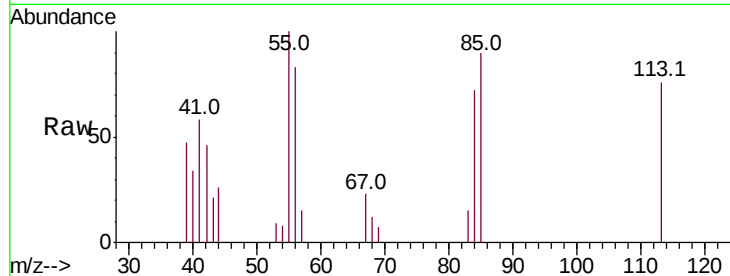
Tot Ion:113 Resp: 6805

Ion Ratio Lower Upper

113 100

55 131.6 104.6 156.8

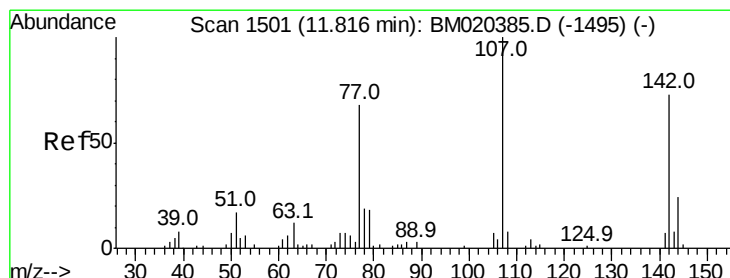
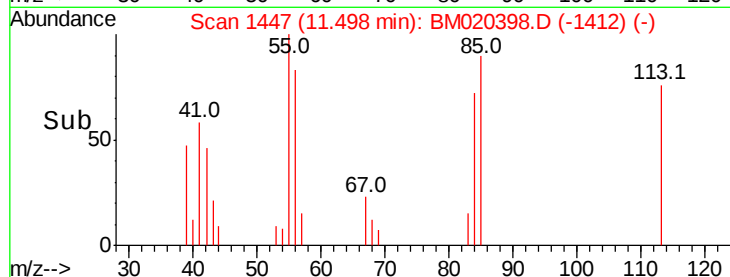
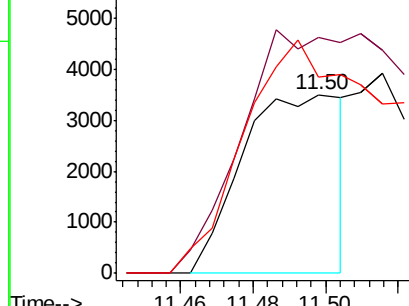
56 109.5 88.4 132.6



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



#33

4-Chloro-3-methylphenol

Concen: 22.245 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

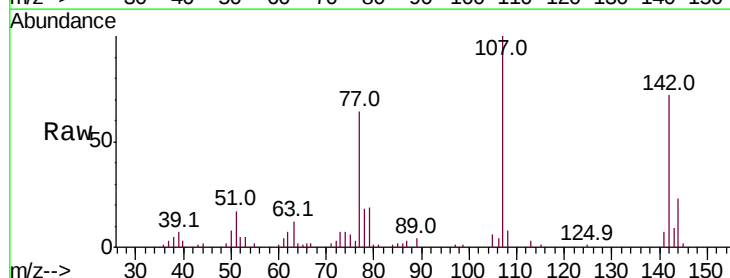
Tgt Ion:107 Resp: 67806

Ion Ratio Lower Upper

107 100

144 23.1 21.2 31.8

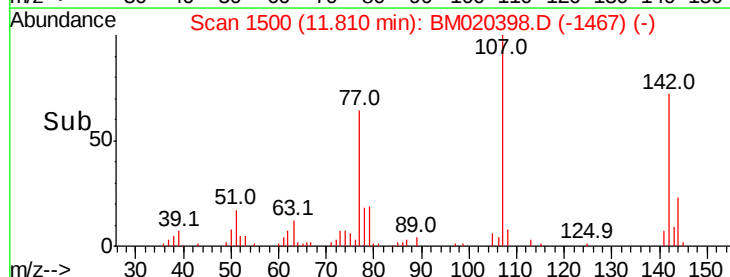
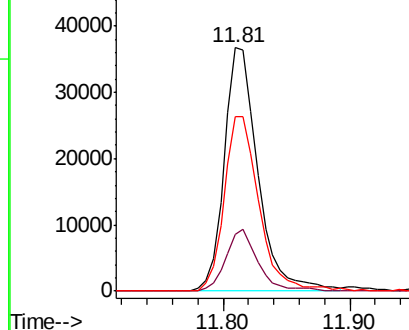
142 71.9 61.3 91.9

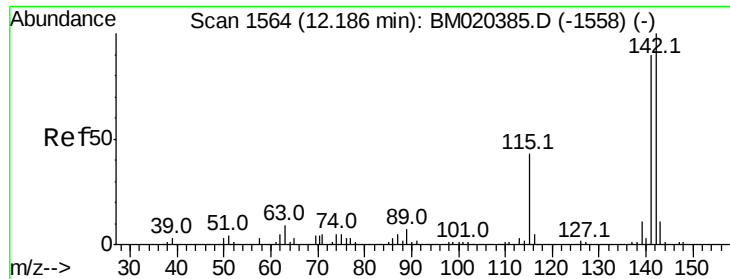


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

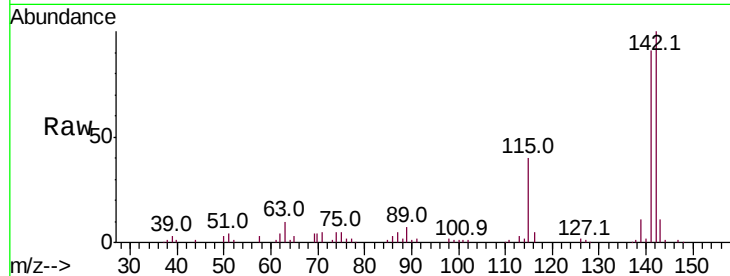




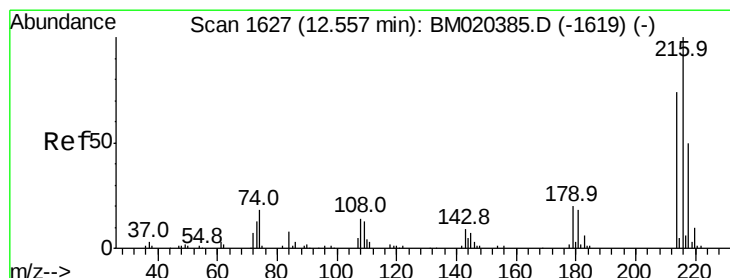
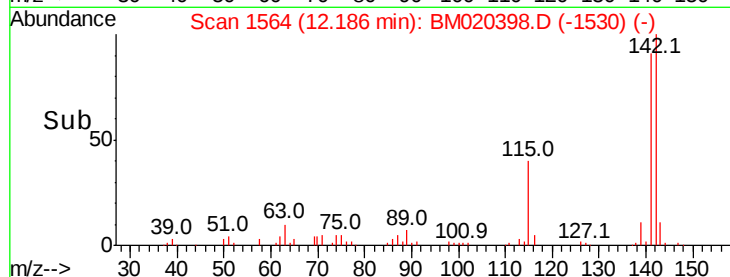
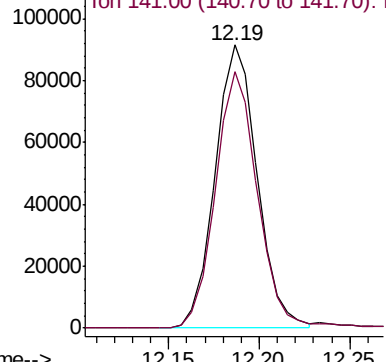
#34
 2-Methylnaphthalene
 Concen: 21.781 ng/ul
 RT: 12.19 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:142 Resp: 148022
 Ion Ratio Lower Upper
 142 100
 141 90.5 68.6 102.8

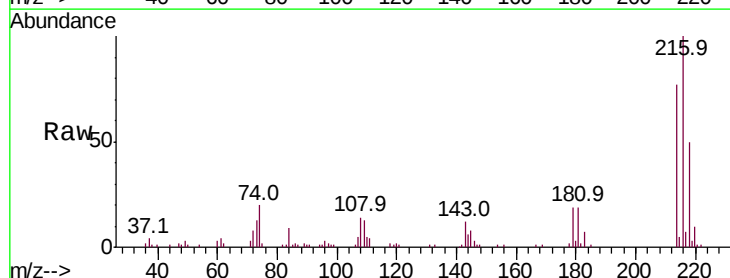


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

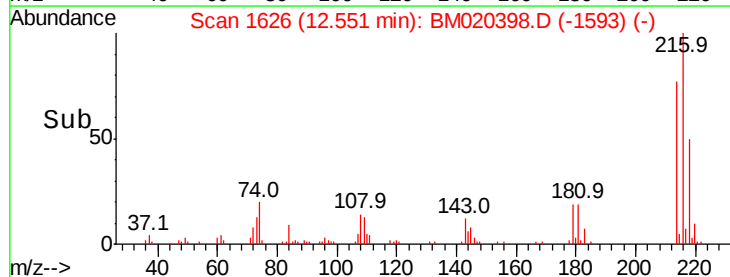
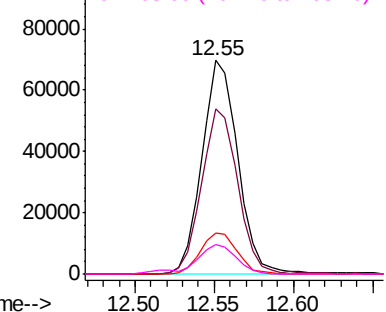


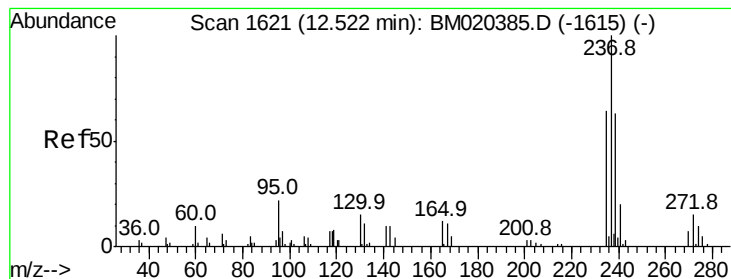
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.186 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:216 Resp: 109261
 Ion Ratio Lower Upper
 216 100
 214 77.3 62.7 94.1
 179 19.4 16.0 24.0
 108 13.9 11.3 16.9



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





#37

Hexachlorocyclopentadiene

Concen: 17.331 ng/ul

RT: 12.52 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

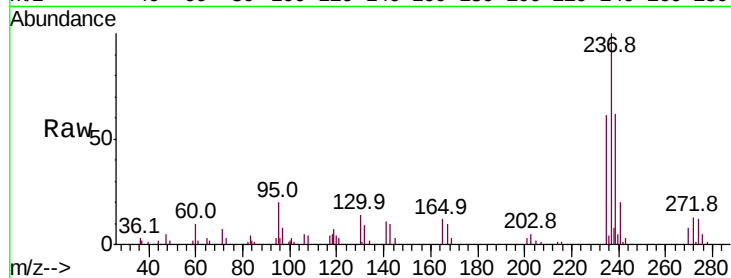
Tot Ion:237 Resp: 48868

Ion Ratio Lower Upper

237 100

235 61.2 49.8 74.8

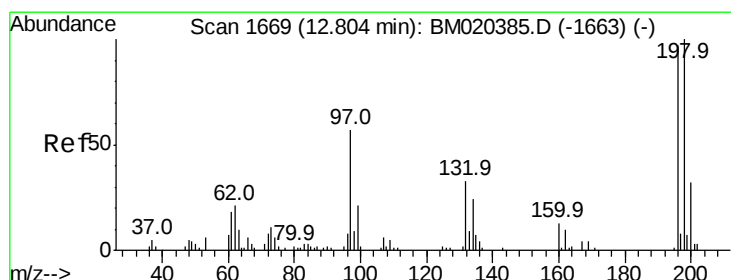
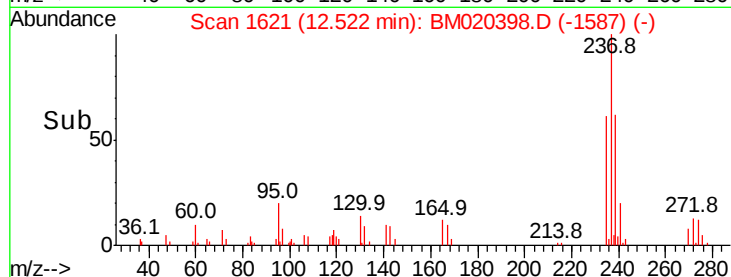
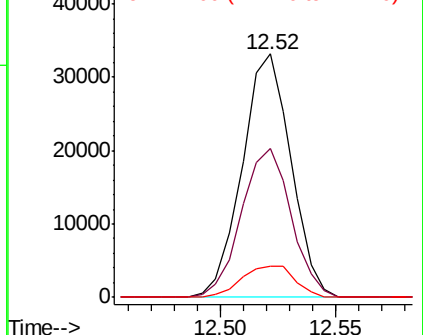
272 13.1 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.960 ng/ul

RT: 12.80 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

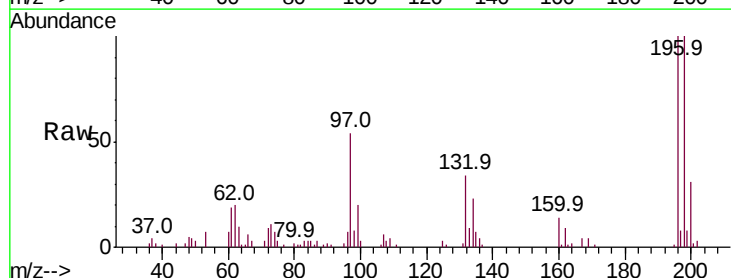
Tgt Ion:196 Resp: 60467

Ion Ratio Lower Upper

196 100

198 100.0 76.9 115.3

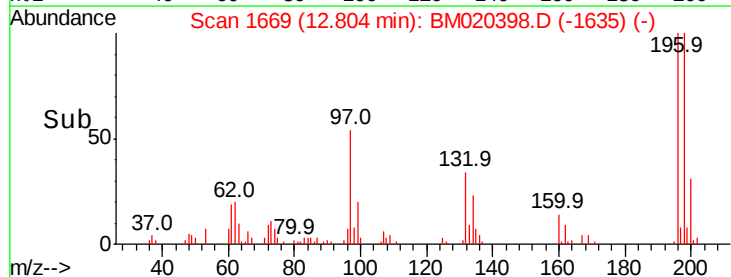
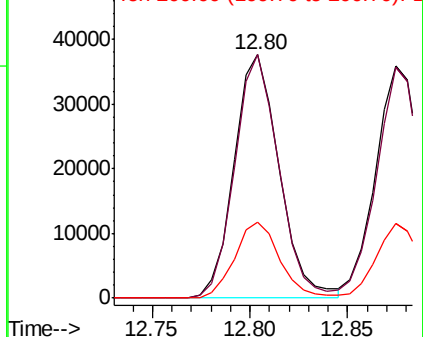
200 31.3 24.0 36.0

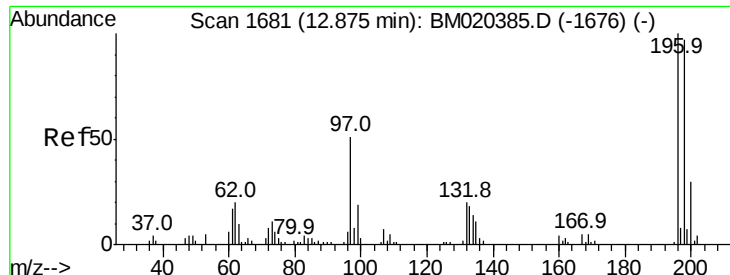


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

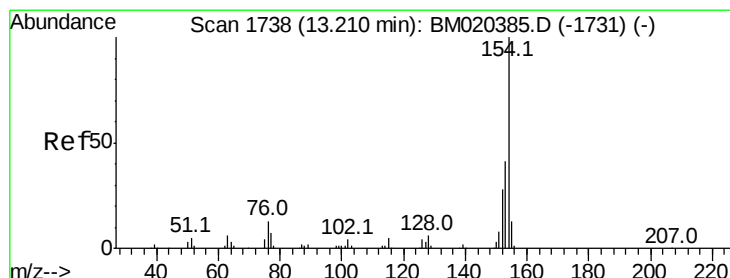
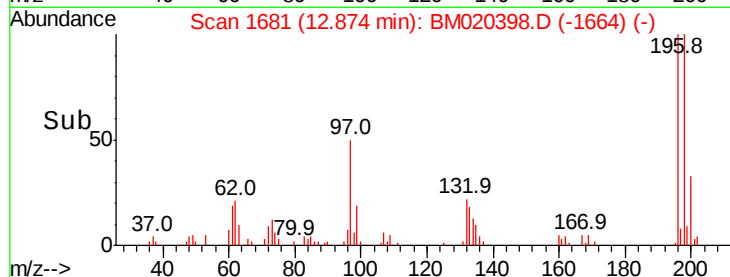
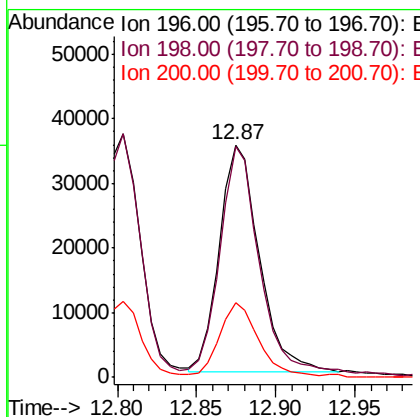
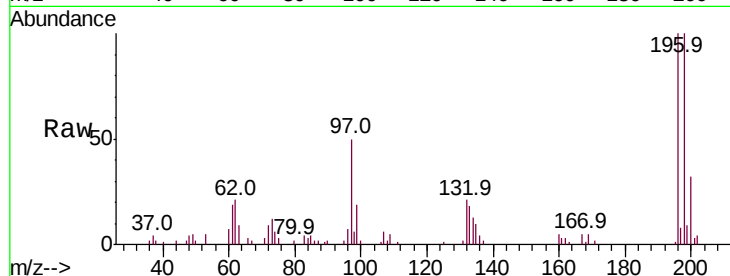




#39
 2,4,5-Trichlorophenol
 Concen: 22.555 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

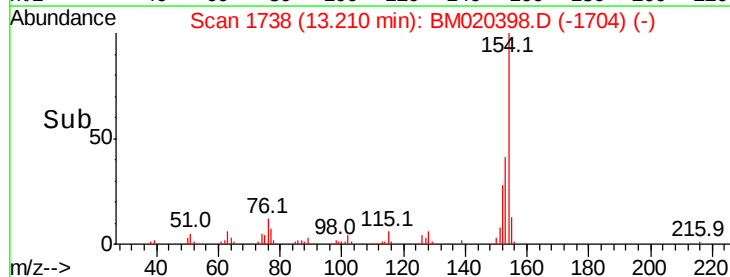
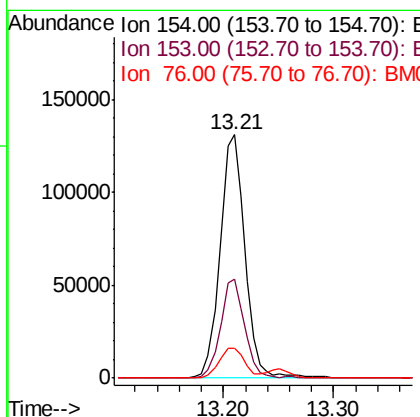
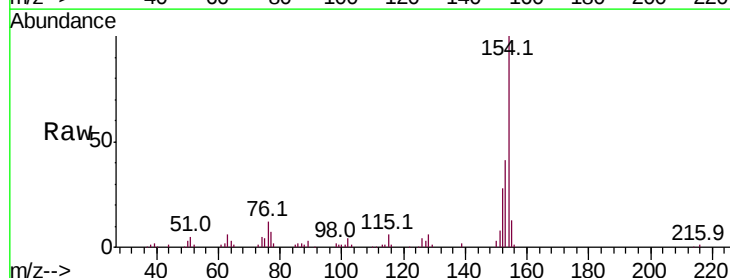
Instrument :
 BNA_M
 ClientSampled :

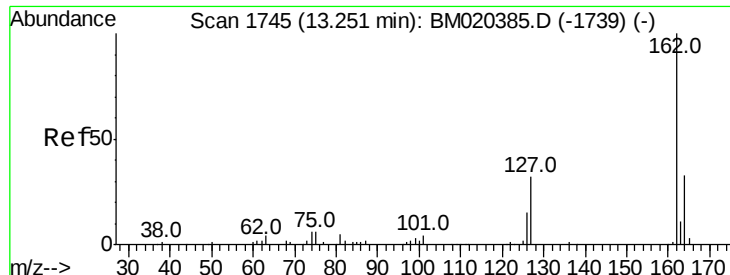
Tot Ion:196 Resp: 61362
 Ion Ratio Lower Upper
 196 100
 198 99.7 76.5 114.7
 200 32.1 25.4 38.2



#40
 1,1'-Biphenyl
 Concen: 21.746 ng/ul
 RT: 13.21 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:154 Resp: 203500
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.2 48.4
 76 12.2 11.0 16.4

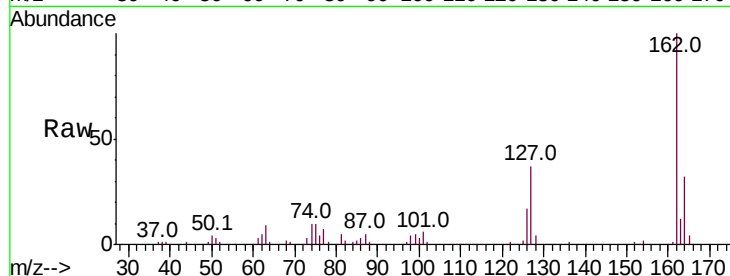




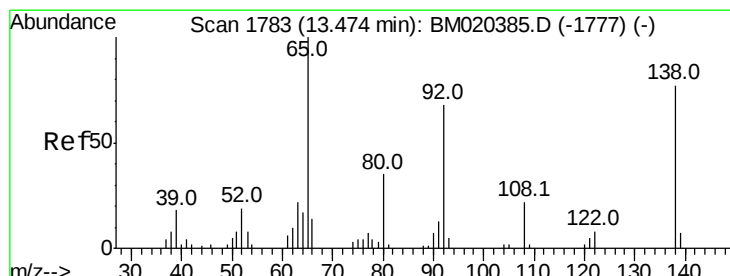
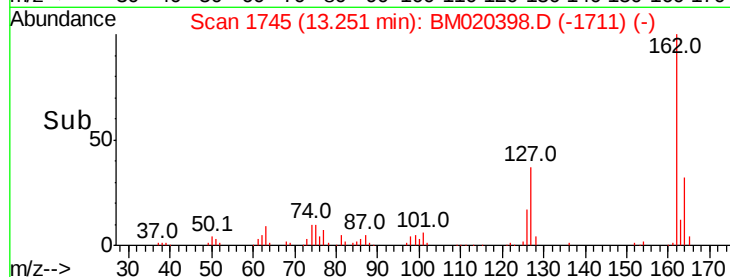
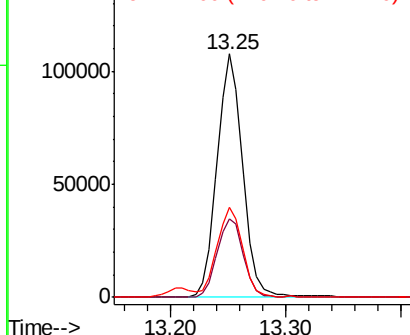
#41
 2-Chloronaphthalene
 Concen: 22.314 ng/ul
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.3	26.4	39.6
127	37.0	29.8	44.8

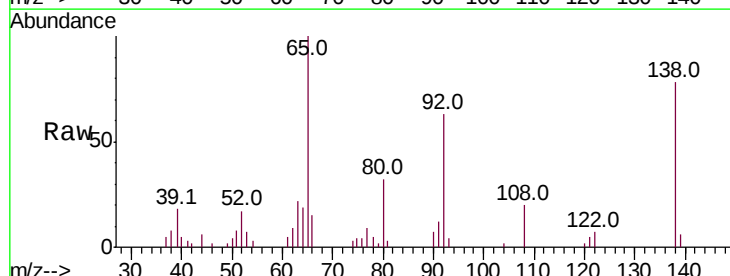


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

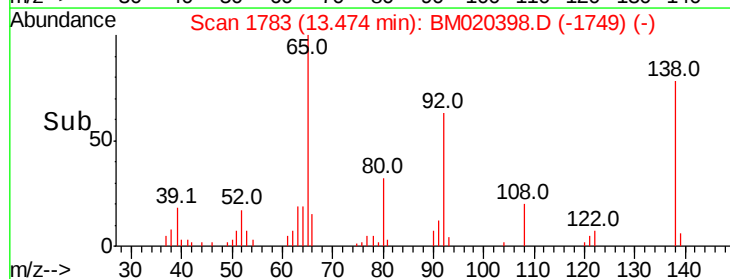
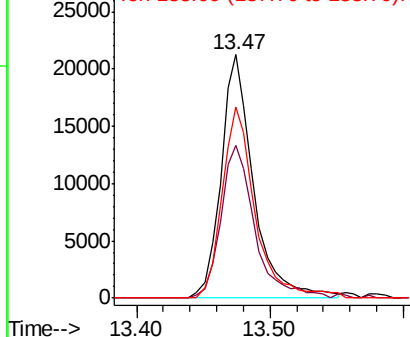


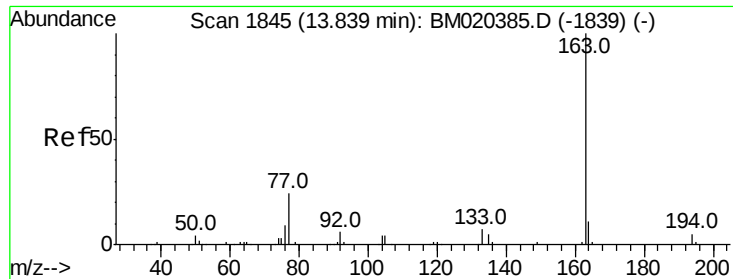
#42
 2-Nitroaniline
 Concen: 18.988 ng/ul
 RT: 13.47 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	50.9	76.3
138	78.5	64.2	96.2



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

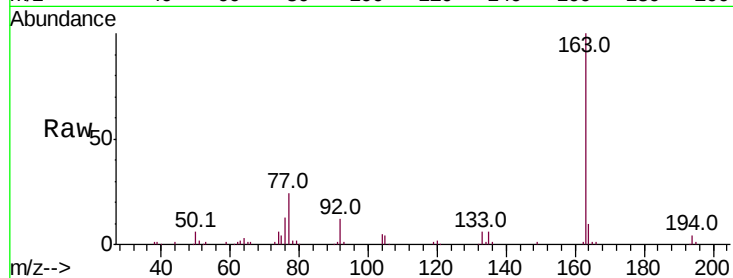




#44
Dimethylphthalate
Concen: 22.125 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	8.0	12.0

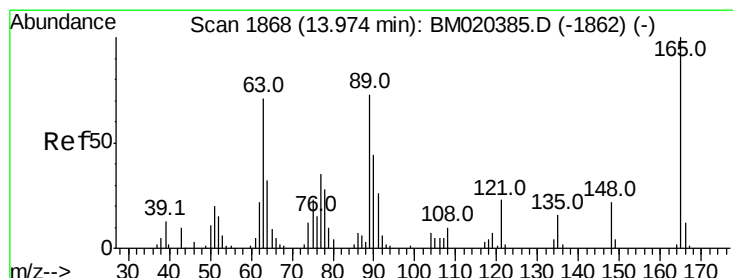
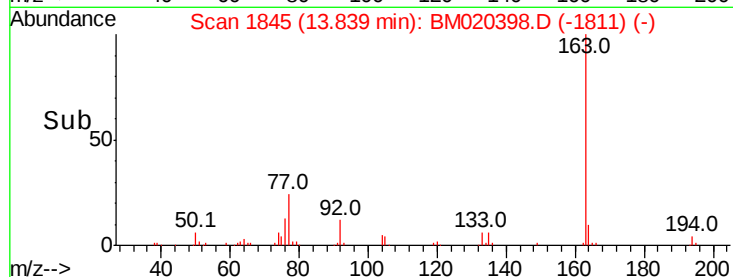
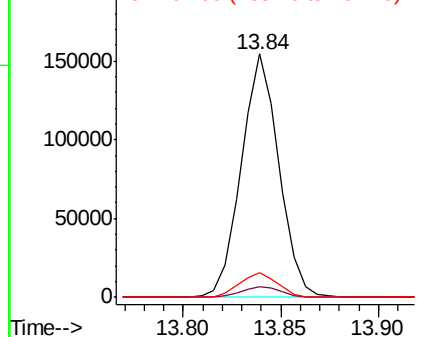


Abundance

Ion 163.00 (162.70 to 163.70): E

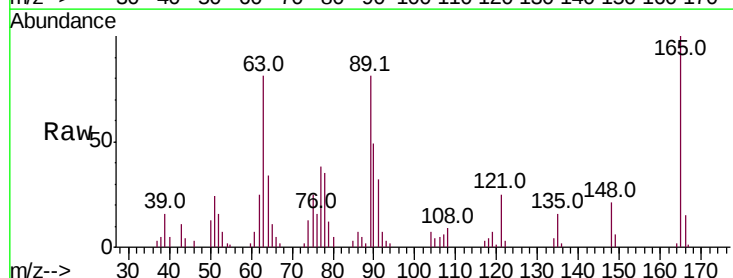
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45
2,6-Dinitrotoluene
Concen: 20.694 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
165	100		
89	81.2	59.4	89.0
121	25.4	17.0	25.4

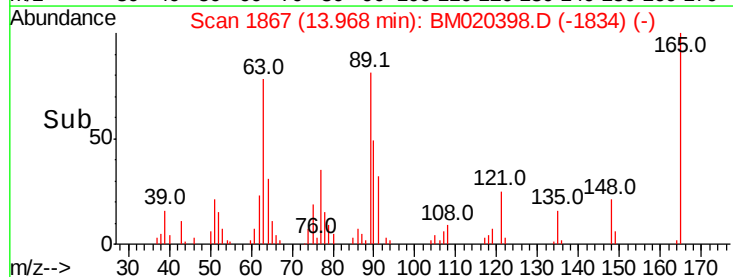
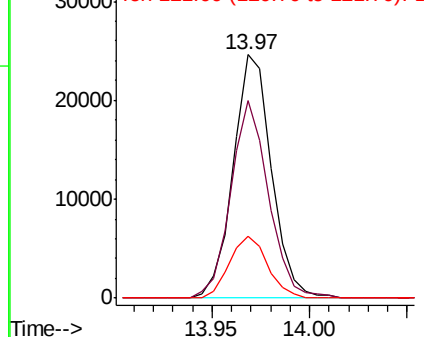


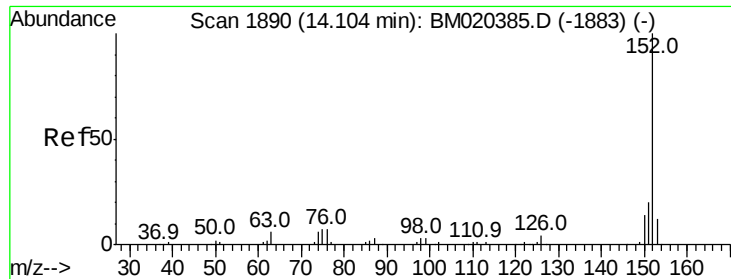
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.743 ng/ul

RT: 14.10 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

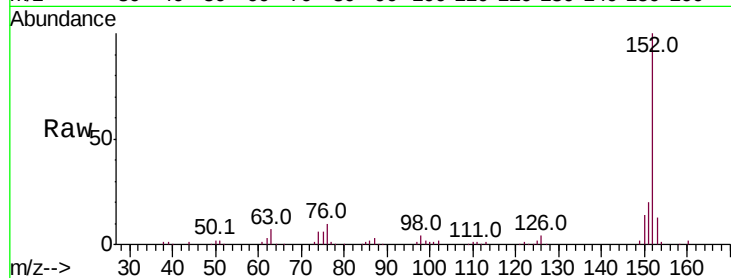
Tot Ion:152 Resp: 241202

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.0

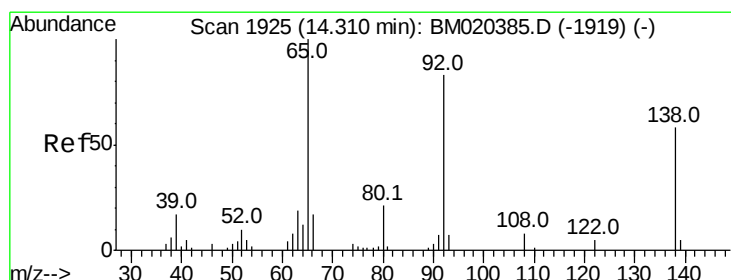
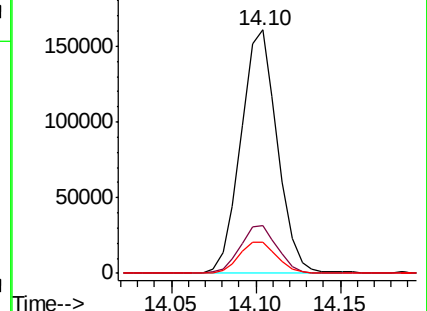
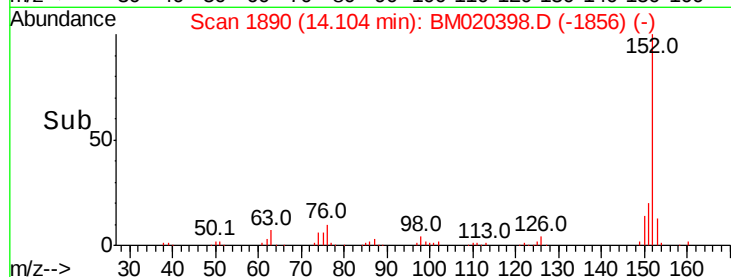
153 13.0 10.3 15.5



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



#48

3-Nitroaniline

Concen: 17.762 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

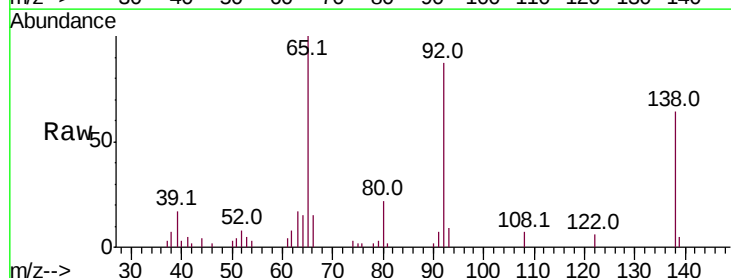
Tgt Ion:138 Resp: 24236

Ion Ratio Lower Upper

138 100

108 10.9 10.4 15.6

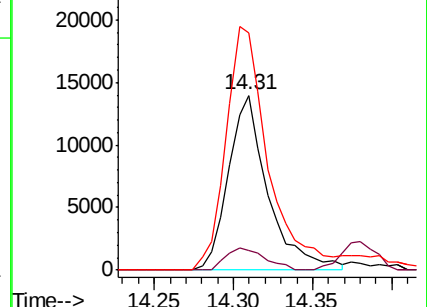
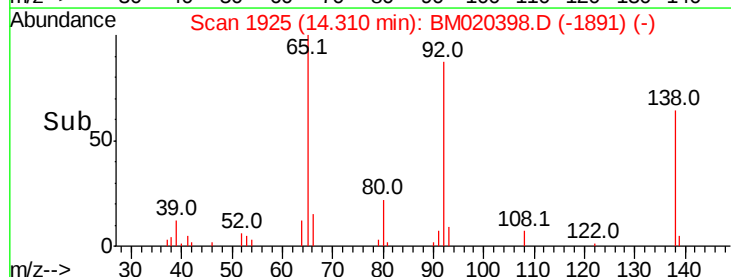
92 135.6 108.7 163.1

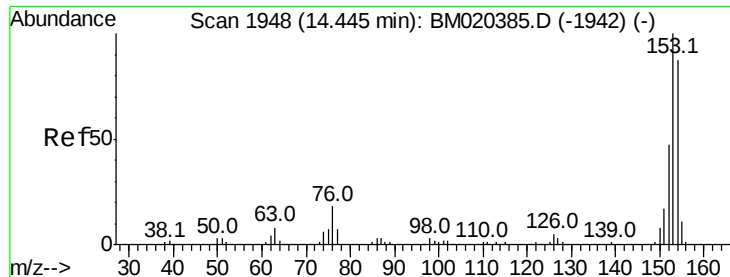


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 21.903 ng/ul

RT: 14.44 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampled :

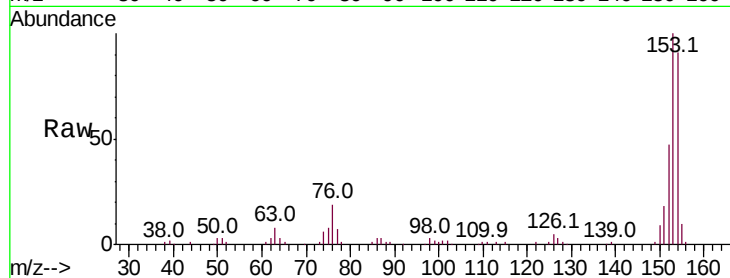
Tot Ion:153 Resp: 167042

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

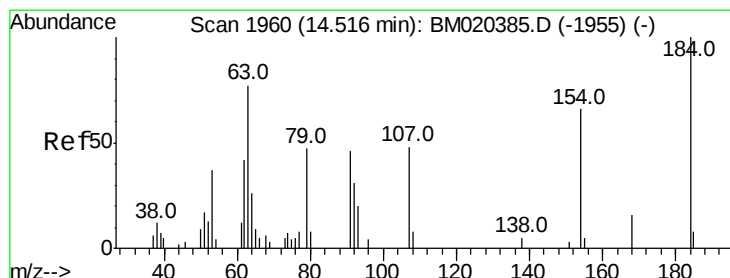
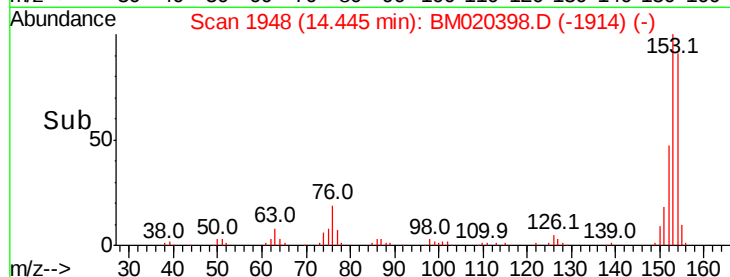
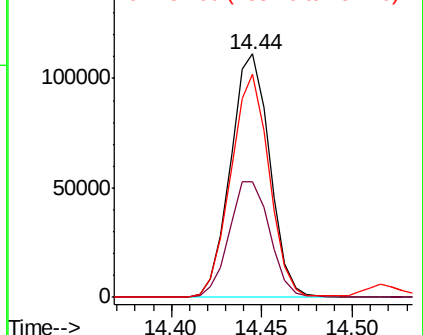
154 91.4 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 13.716 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

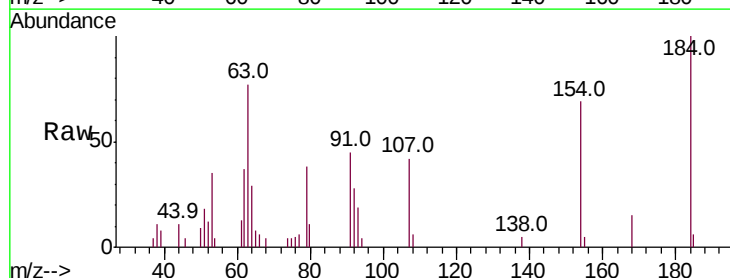
Tgt Ion:184 Resp: 13798

Ion Ratio Lower Upper

184 100

63 77.4 58.6 88.0

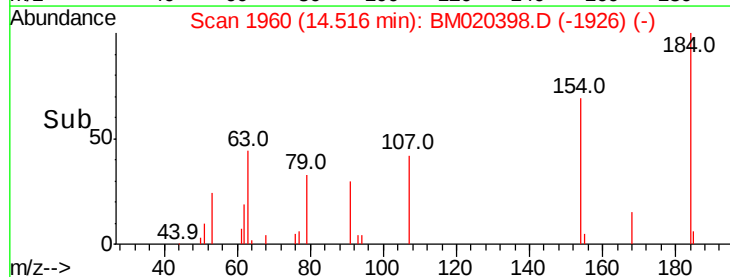
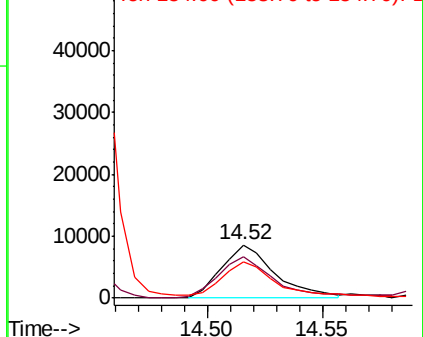
154 68.5 47.4 71.0

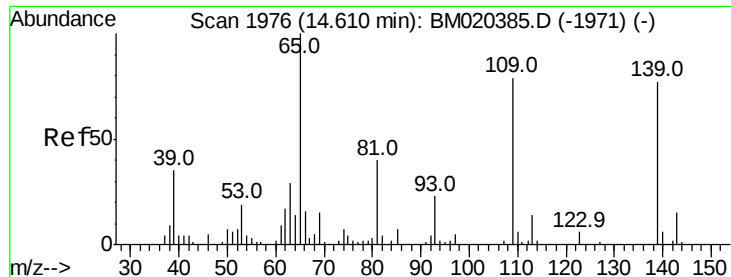


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.449 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

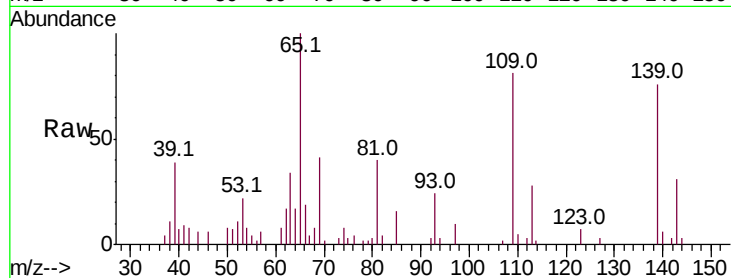
Tot Ion:109 Resp: 26337

Ion Ratio Lower Upper

109 100

139 94.3 78.2 117.2

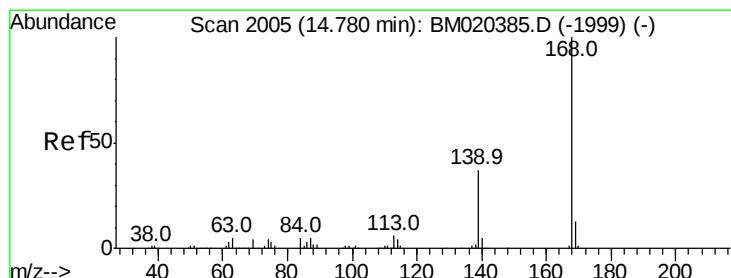
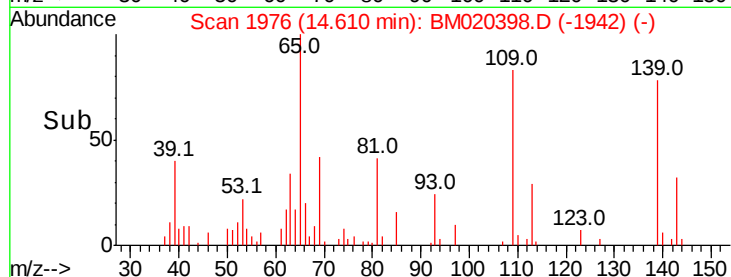
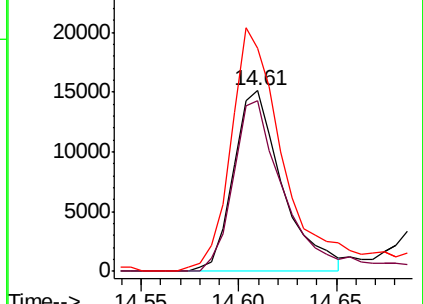
65 123.8 109.4 164.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC



#53

Dibenzofuran

Concen: 22.839 ng/ul

RT: 14.78 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BM020398.D

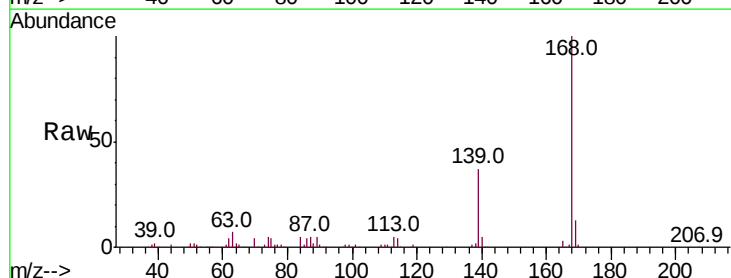
Acq: 18 May 2019 12:24

Tgt Ion:168 Resp: 263762

Ion Ratio Lower Upper

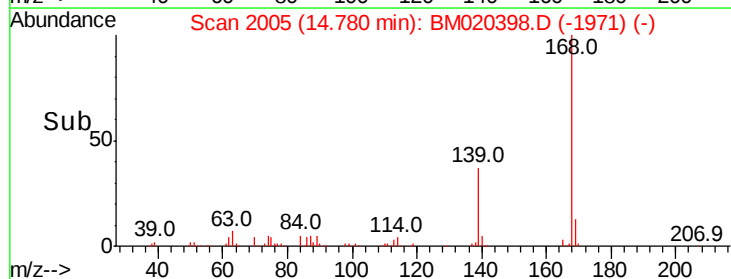
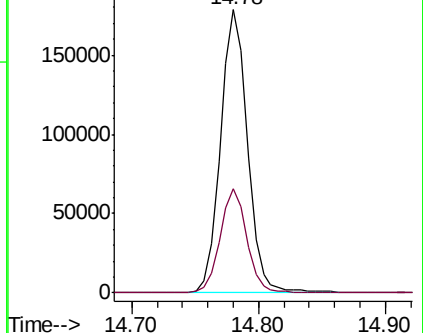
168 100

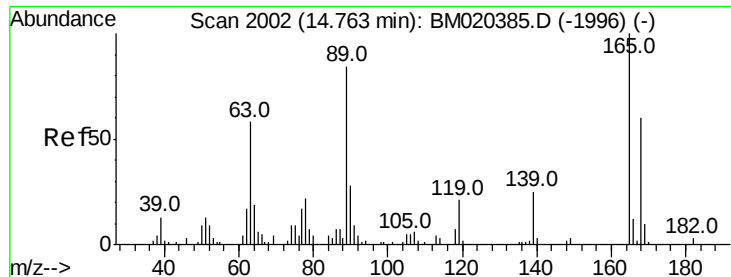
139 36.9 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.785 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

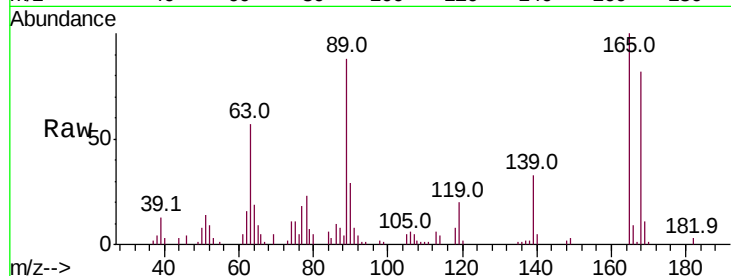
Tot Ion:165 Resp: 54140

Ion Ratio Lower Upper

165 100

63 57.2 43.2 64.8

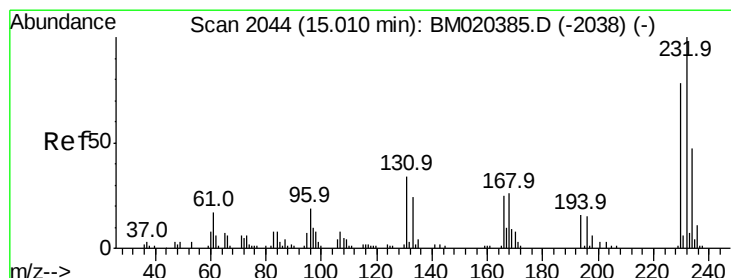
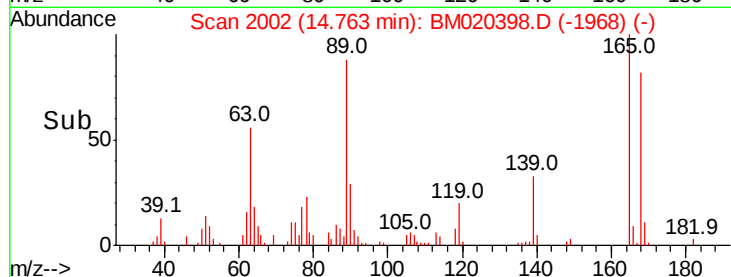
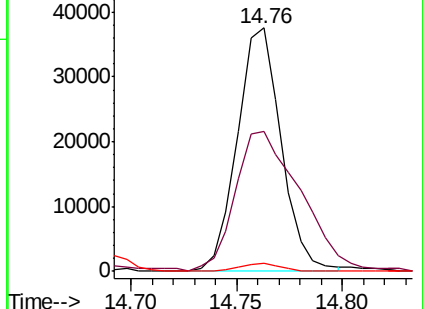
182 3.2 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 22.374 ng/ul

RT: 15.01 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Tgt Ion:232 Resp: 61258

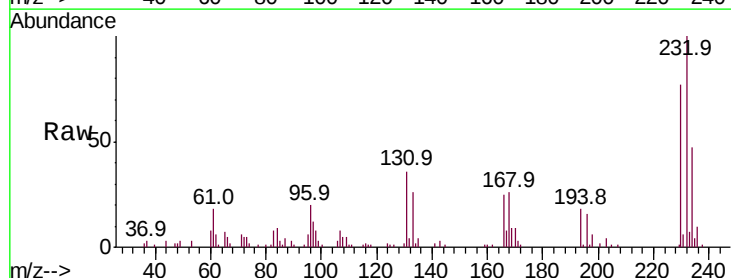
Ion Ratio Lower Upper

232 100

131 36.3 31.0 46.6

130 2.0 2.2 3.2#

166 24.7 22.1 33.1

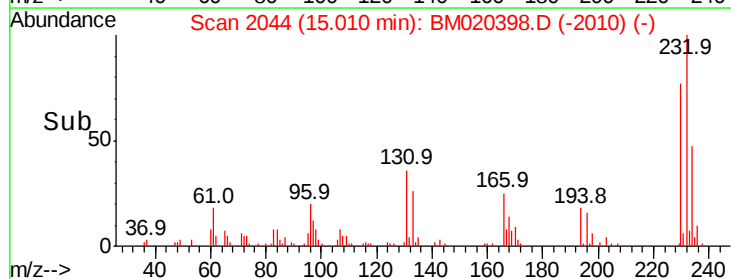
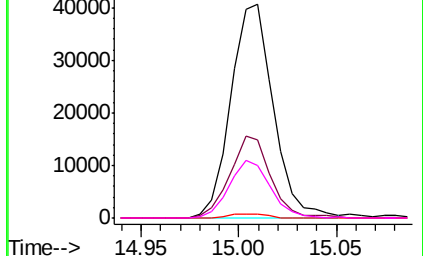


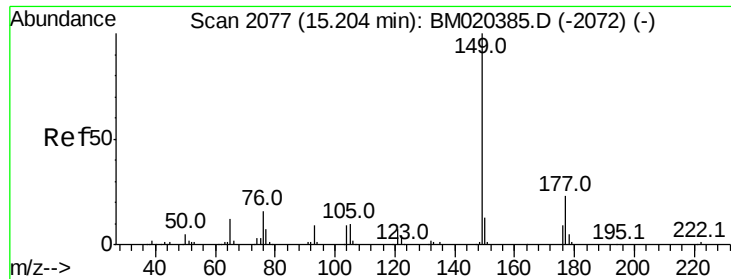
Abundance Ion 232.00 (231.70 to 232.70): E

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





#56

Diethylphthalate

Concen: 22.188 ng/ul

RT: 15.20 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampled :

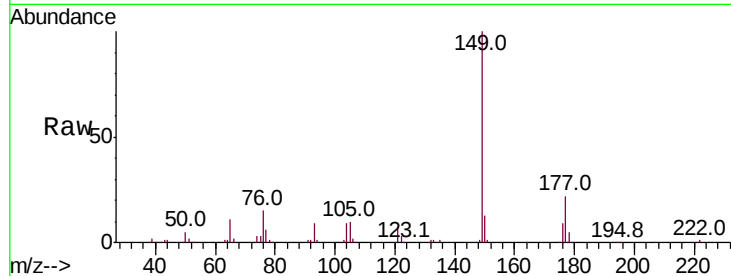
Tot Ion:149 Resp: 199656

Ion Ratio Lower Upper

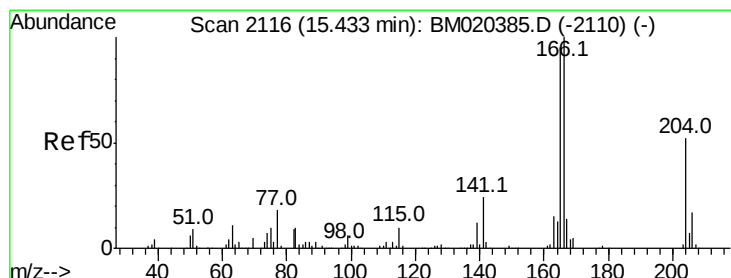
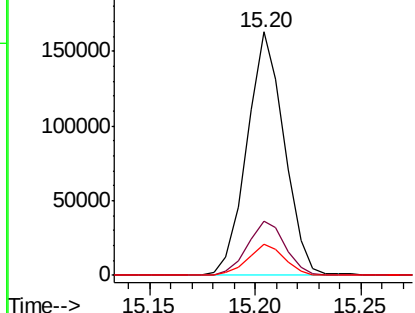
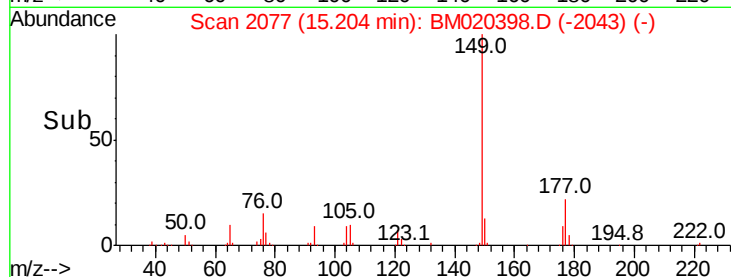
149 100

177 22.5 19.0 28.4

150 12.9 9.8 14.6



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



#58

Fluorene

Concen: 22.401 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

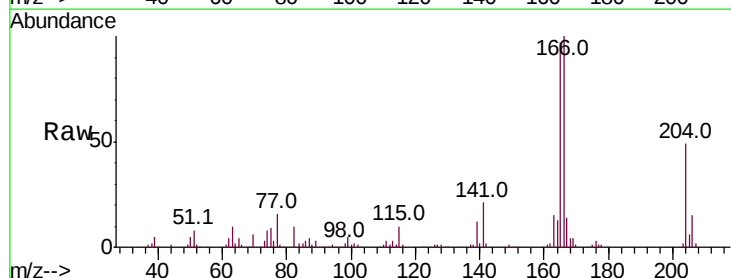
Tgt Ion:166 Resp: 207251

Ion Ratio Lower Upper

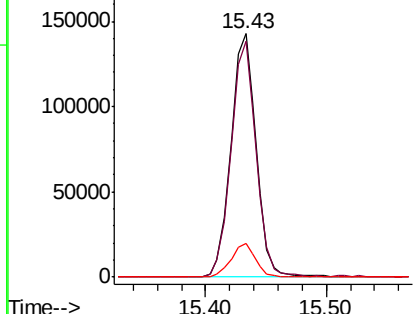
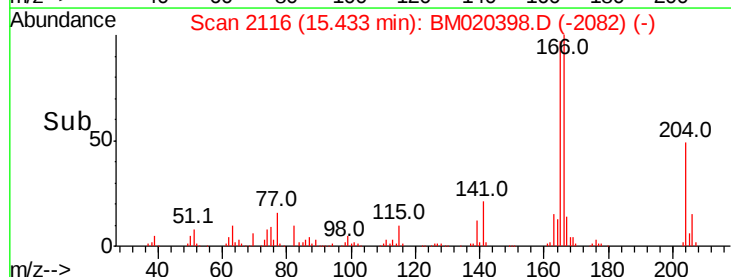
166 100

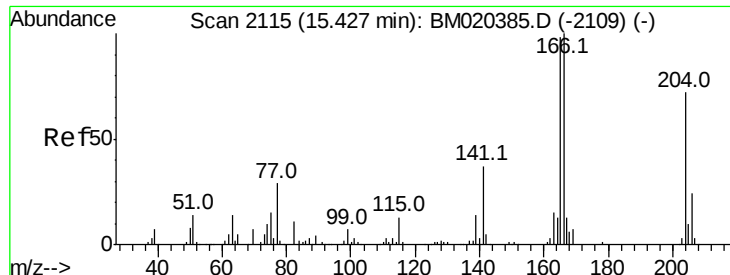
165 97.0 77.1 115.7

167 13.8 11.1 16.7



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

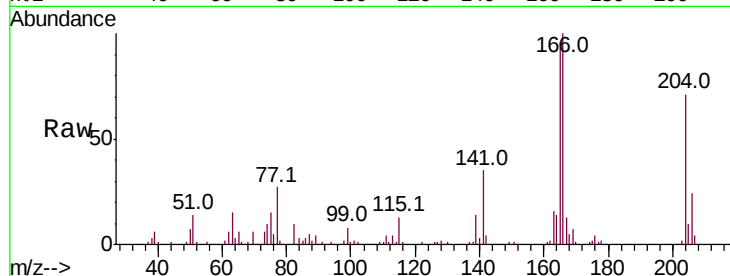




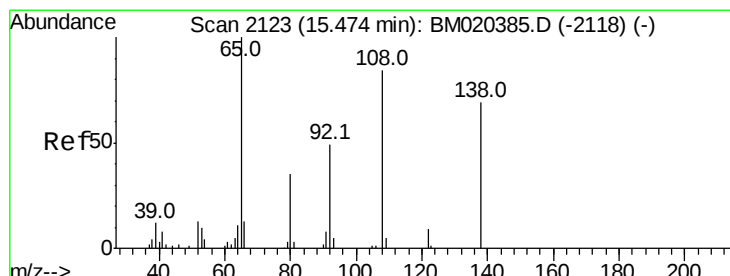
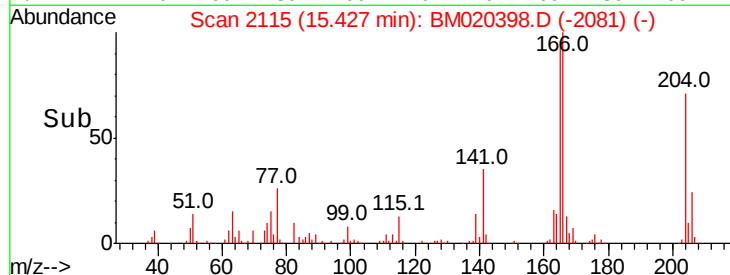
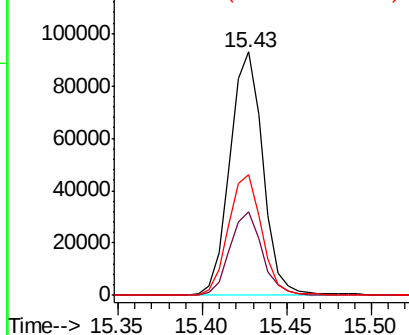
#59
 4-Chlorophenyl-phenylether
 Concen: 23.330 ng/ul
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	204	Resp:	126641
Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.7	38.5
141	49.4	39.7	59.5

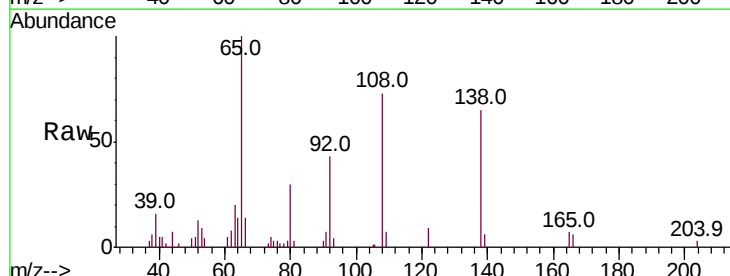


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

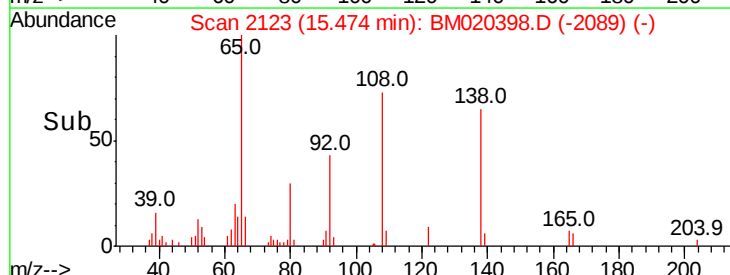
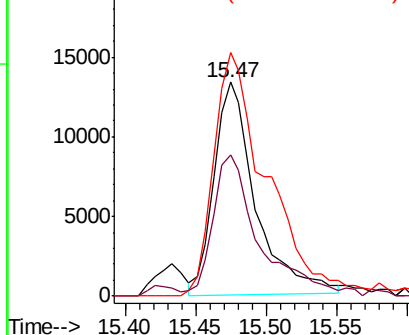


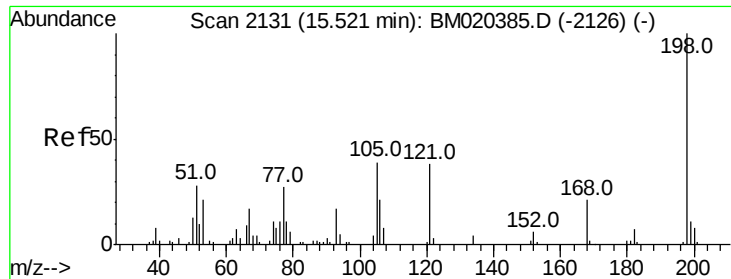
#60
 4-Nitroaniline
 Concen: 18.382 ng/ul
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:	138	Resp:	27281
Ion	Ratio	Lower	Upper
138	100		
92	66.1	52.2	78.4
108	113.7	86.6	130.0



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

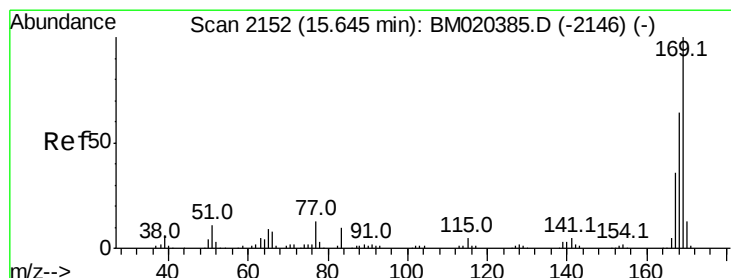
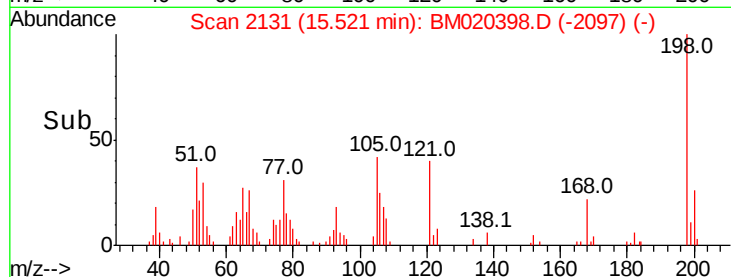
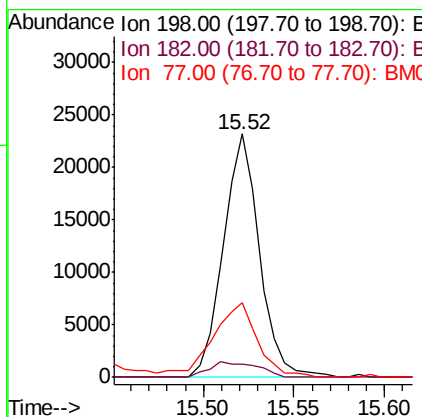
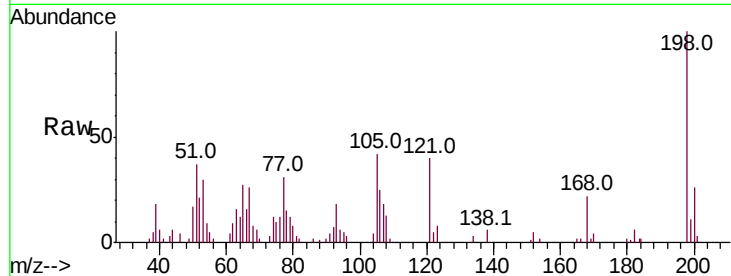




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.885 ng/ul
 RT: 15.52 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

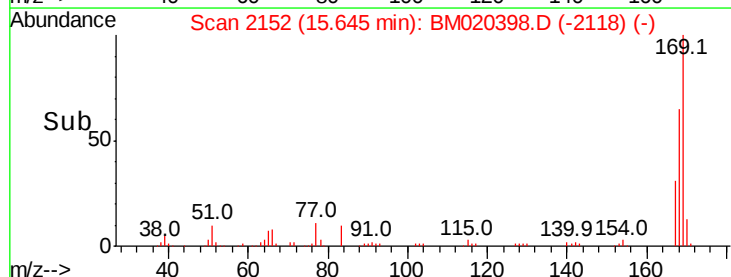
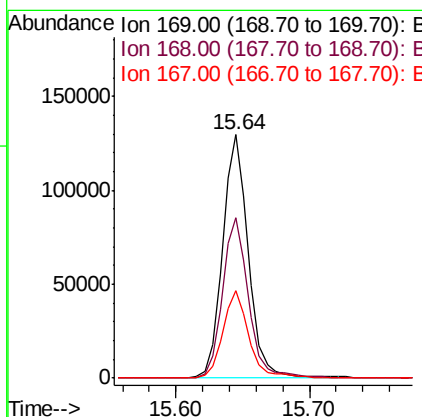
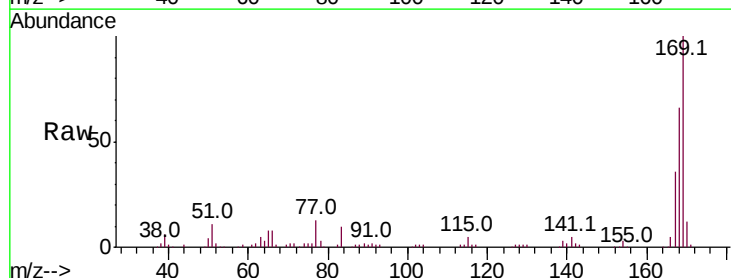
Instrument :
 BNA_M
 ClientSampleId :

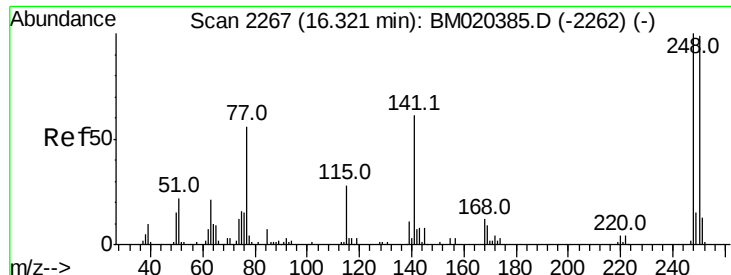
Tot Ion	Ratio	Lower	Upper
198	100		
182	5.5	4.0	6.0
77	30.7	23.1	34.7



#64
 N-Nitrosodiphenylamine
 Concen: 22.046 ng/ul
 RT: 15.64 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.2	79.8
167	35.7	28.2	42.2

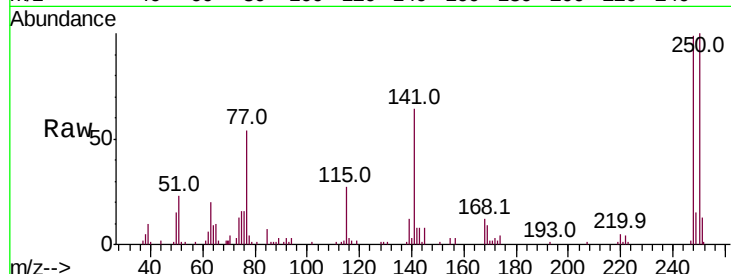




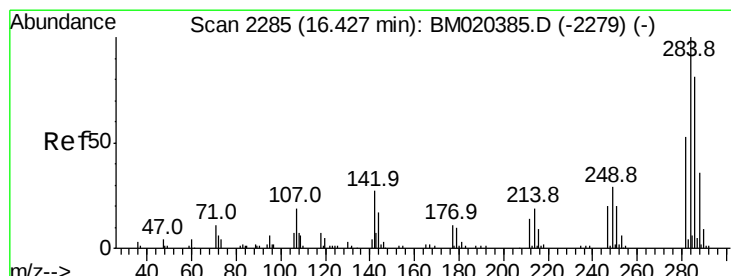
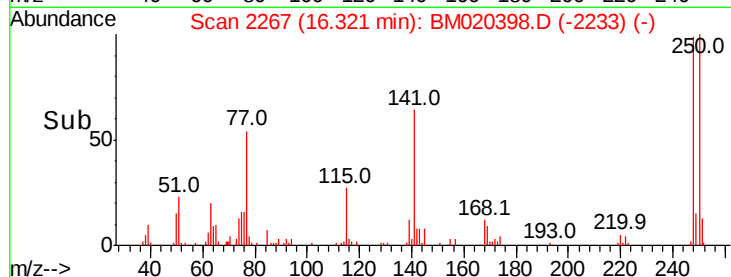
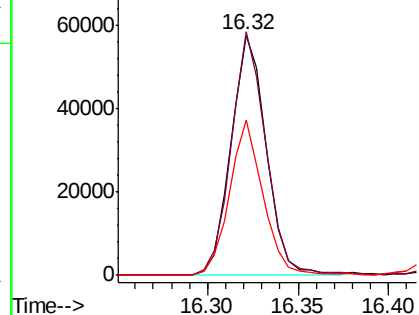
#65
4-Bromophenyl-phenylether
Concen: 22.222 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 77991
Ion Ratio Lower Upper
248 100
250 101.5 77.3 115.9
141 64.5 47.3 70.9

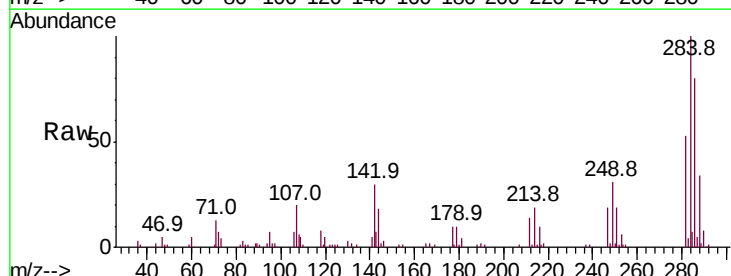


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

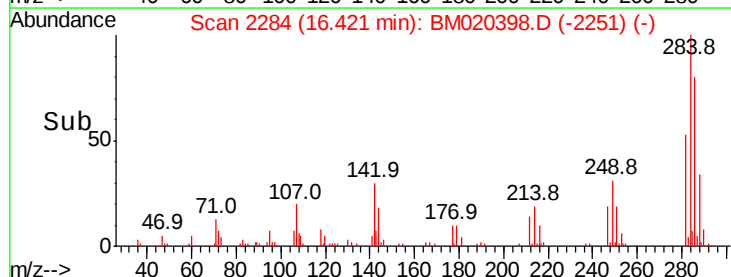
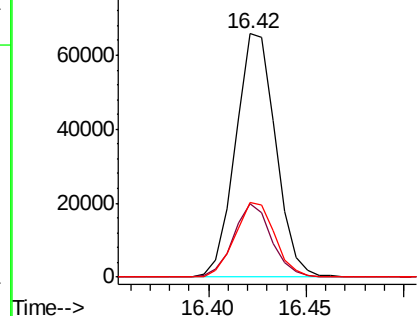


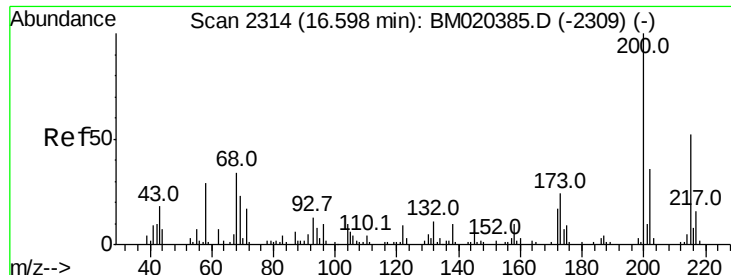
#66
Hexachlorobenzene
Concen: 22.840 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion:284 Resp: 93941
Ion Ratio Lower Upper
284 100
142 30.3 22.6 33.8
249 30.7 24.0 36.0



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

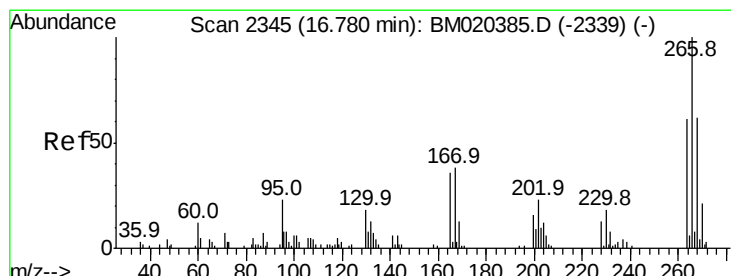
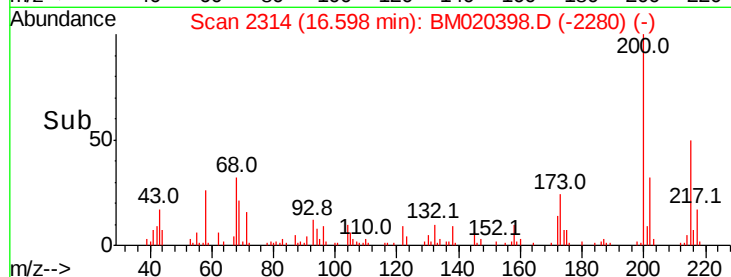
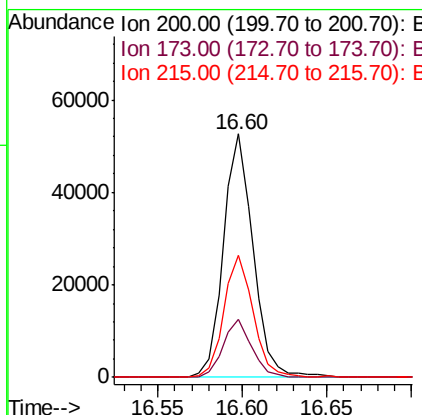
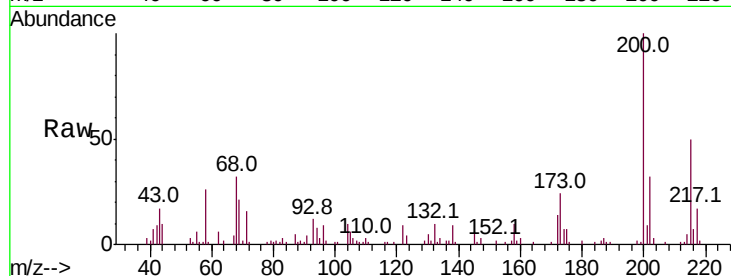




#67
 Atrazine
 Concen: 19.773 ng/ul
 RT: 16.60 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

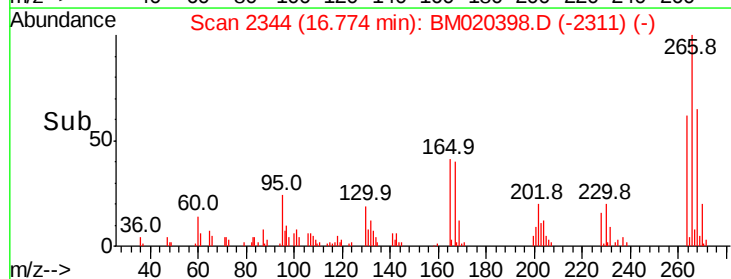
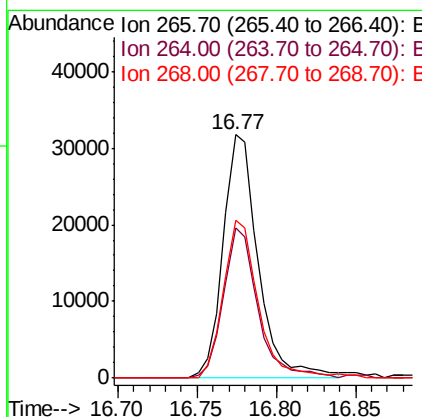
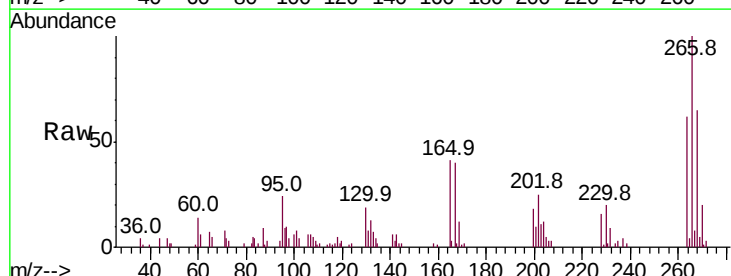
Instrument :
 BNA_M
 ClientSampleId :

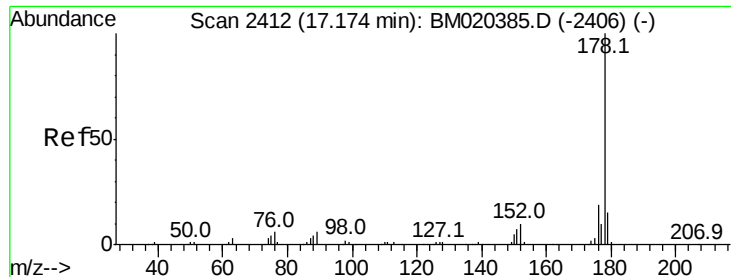
Tot Ion:200 Resp: 64418
 Ion Ratio Lower Upper
 200 100
 173 23.9 20.2 30.2
 215 50.2 39.4 59.2



#68
 Pentachlorophenol
 Concen: 20.396 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:266 Resp: 48817
 Ion Ratio Lower Upper
 266 100
 264 61.9 47.4 71.2
 268 64.8 51.2 76.8





#69

Phenanthrene

Concen: 22.342 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

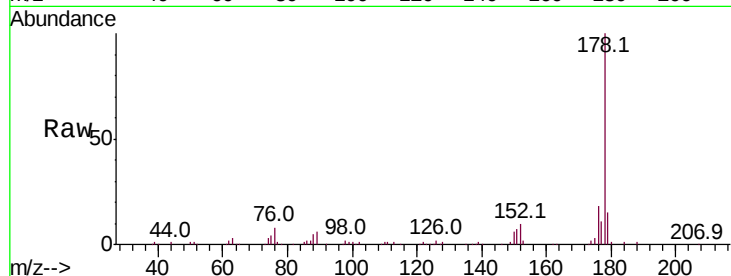
Tot Ion:178 Resp: 342432

Ion Ratio Lower Upper

178 100

179 14.7 11.9 17.9

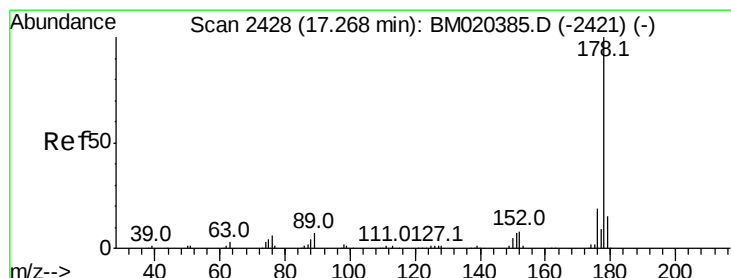
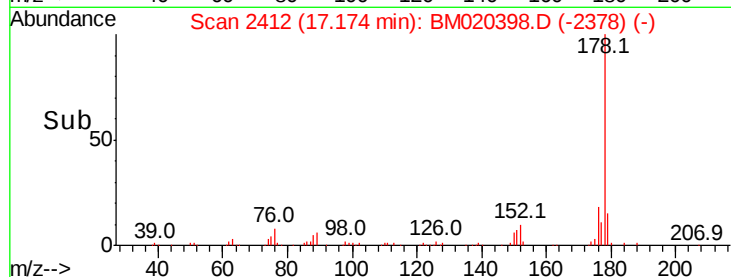
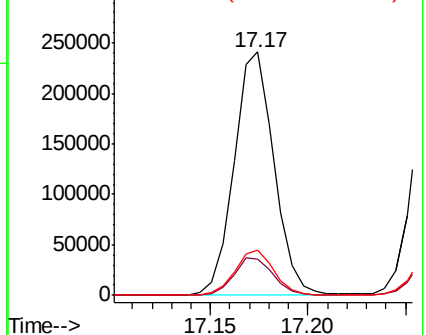
176 18.5 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 22.324 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

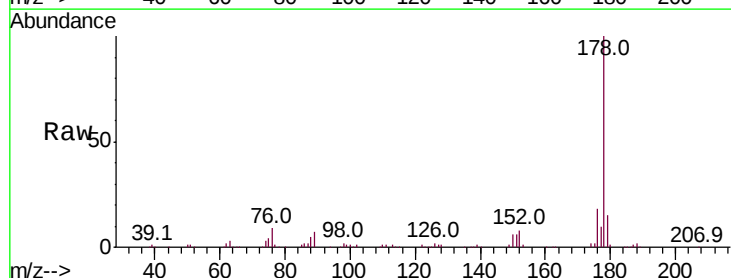
Tgt Ion:178 Resp: 348046

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

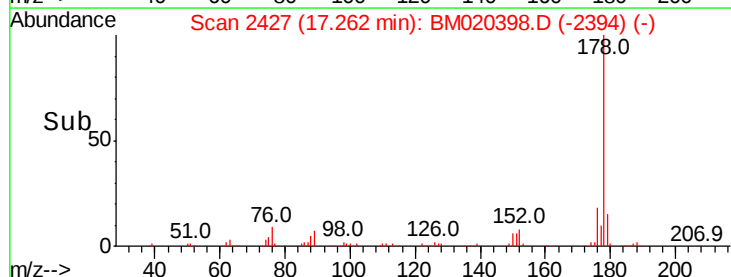
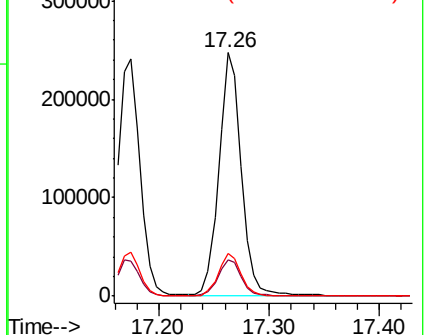
176 17.7 14.4 21.6

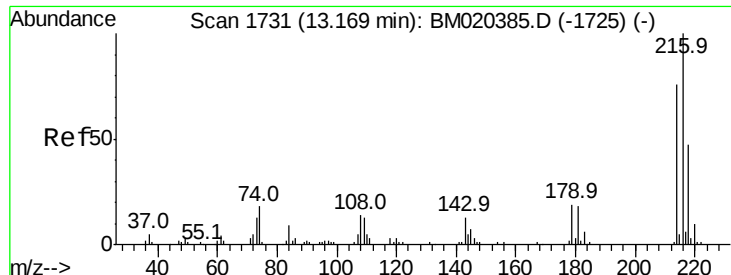


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

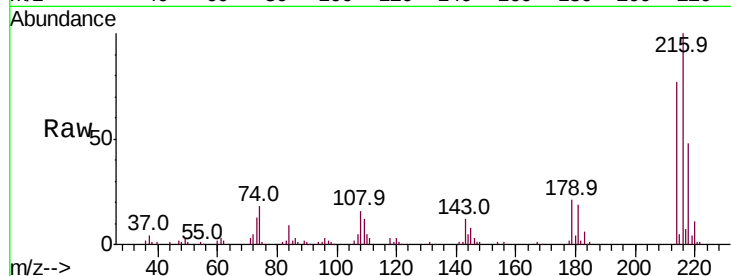




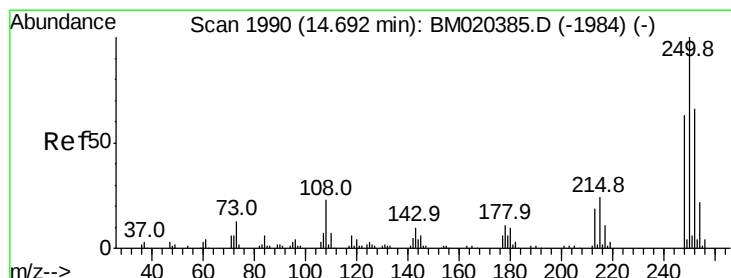
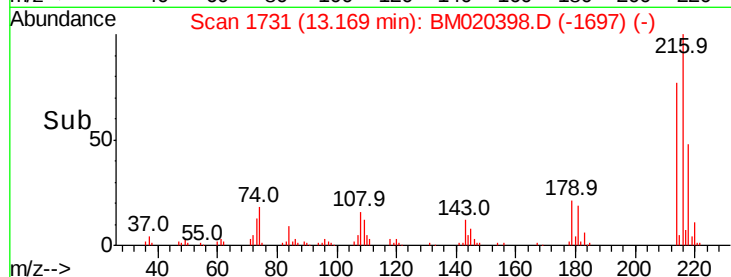
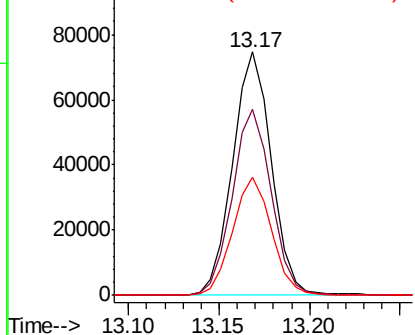
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.599 ng/uL
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.2	94.8
218	48.4	37.4	56.2

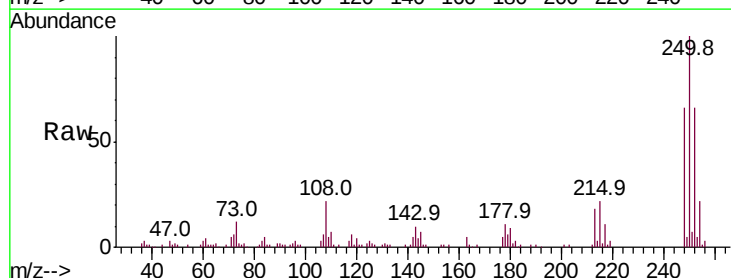


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

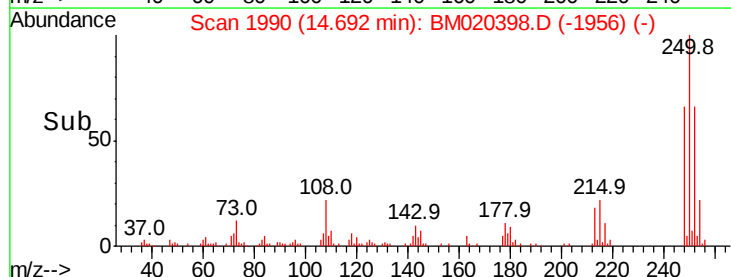
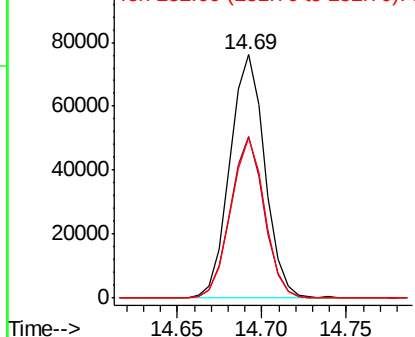


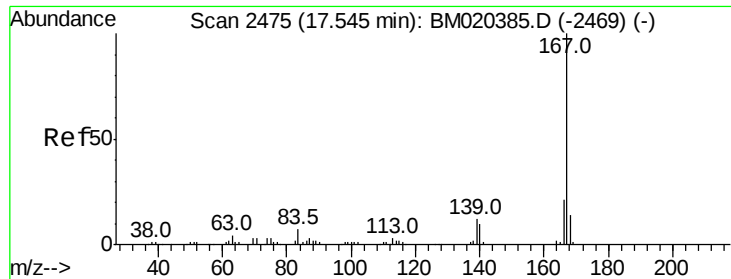
#73
 Pentachlorobenzene
 Concen: 22.953 ng/uL
 RT: 14.69 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
250	100		
248	66.5	50.1	75.1
252	65.7	49.9	74.9



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.088 ng/ul

RT: 17.54 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

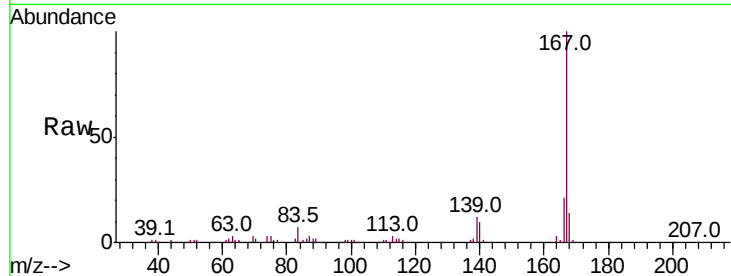
Tot Ion:167 Resp: 279069

Ion Ratio Lower Upper

167 100

166 20.9 16.6 24.8

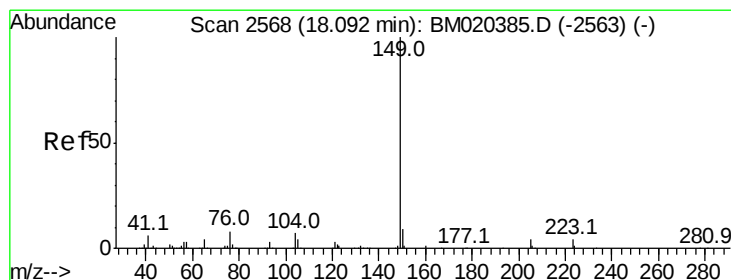
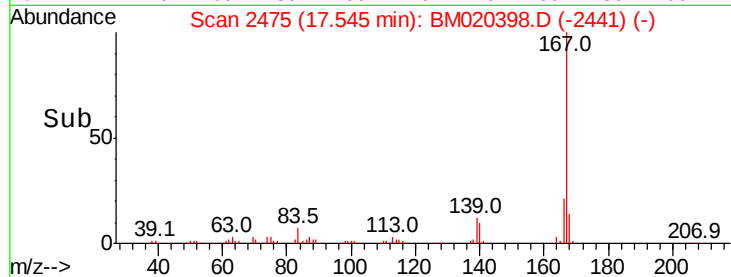
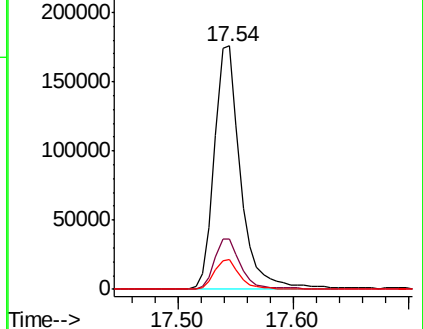
139 12.1 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 21.214 ng/ul

RT: 18.09 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

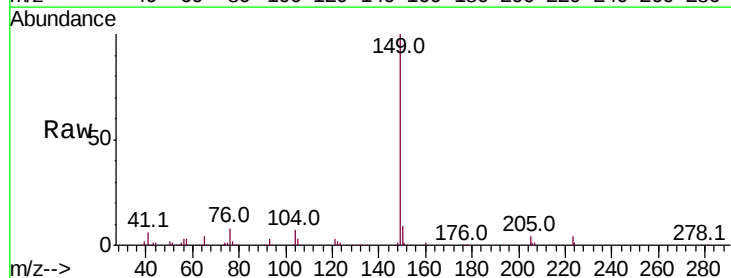
Tgt Ion:149 Resp: 304708

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

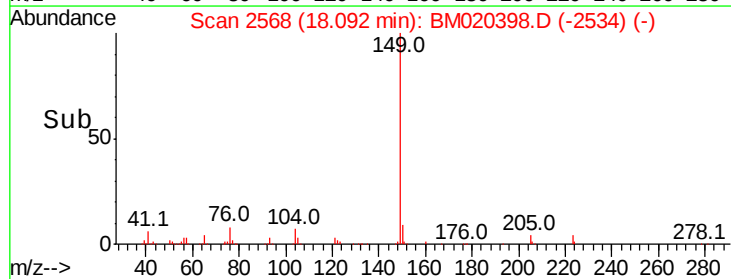
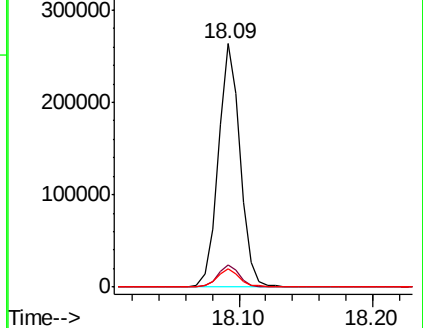
104 7.3 5.2 7.8

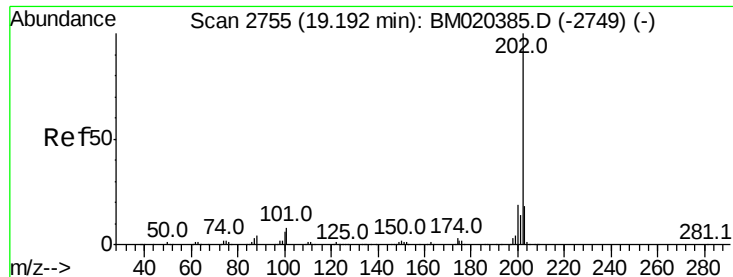


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

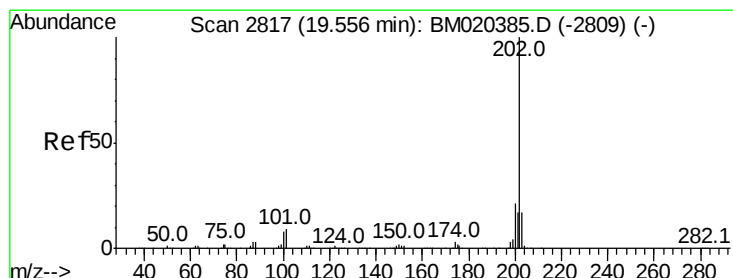
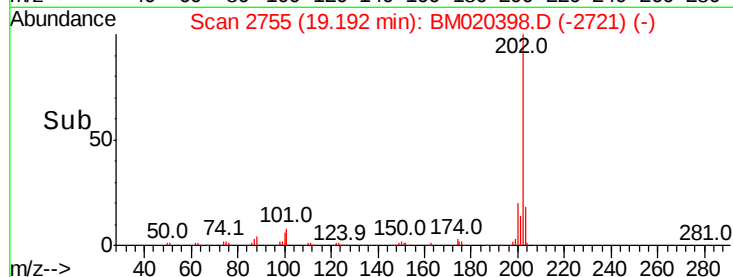
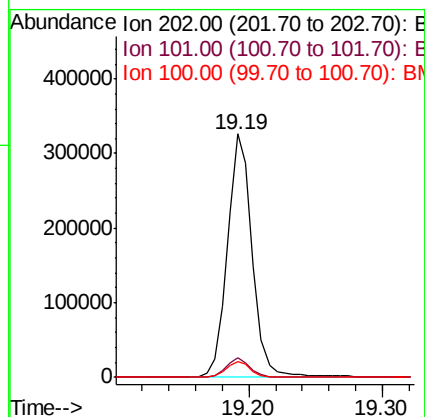
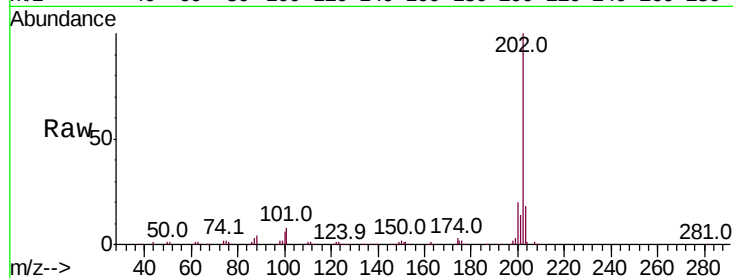




#76
 Fluoranthene
 Concen: 22.010 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

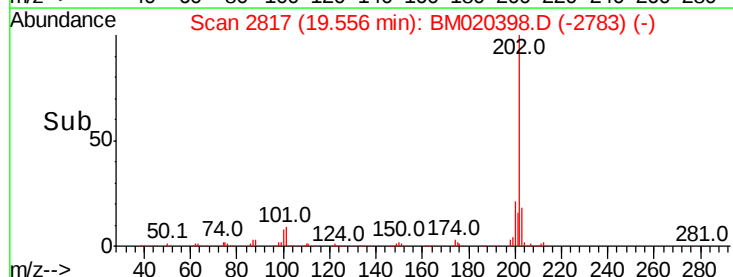
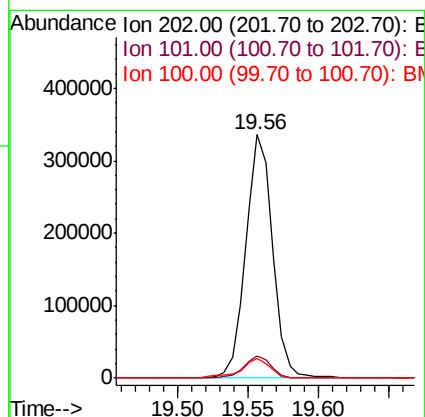
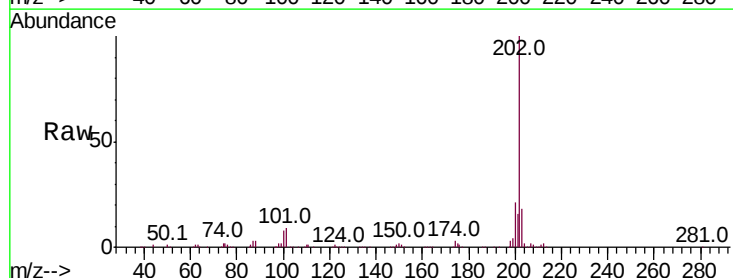
Instrument :
 BNA_M
 ClientSampleId :

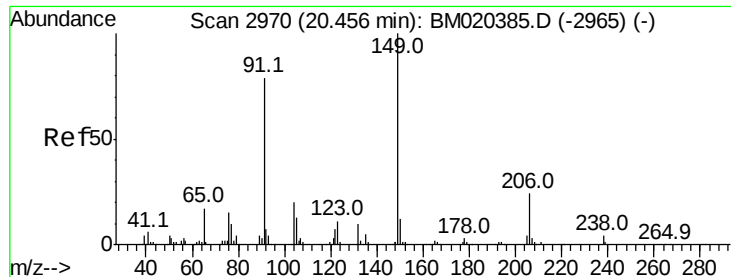
Tot Ion:	202	Resp:	426124
Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.4	9.6
100	6.4	5.2	7.8



#79
 Pyrene
 Concen: 20.732 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:	202	Resp:	447767
Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.9	5.9	8.9

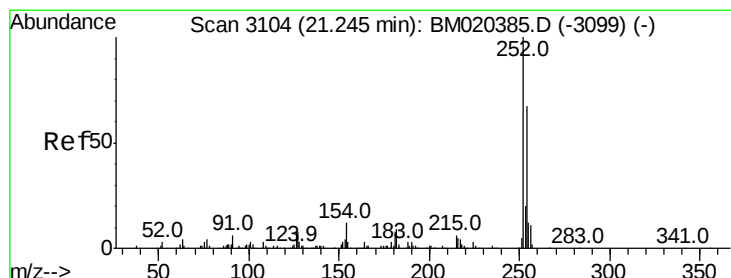
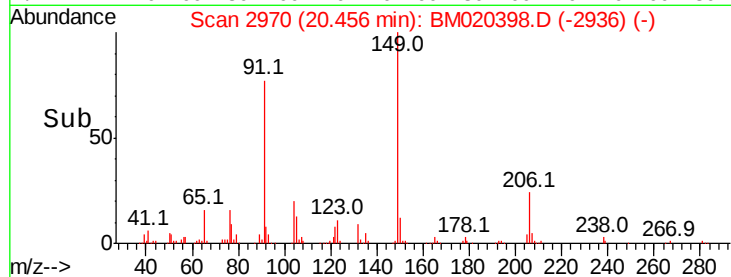
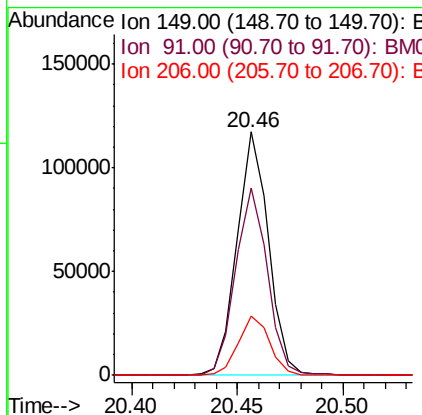
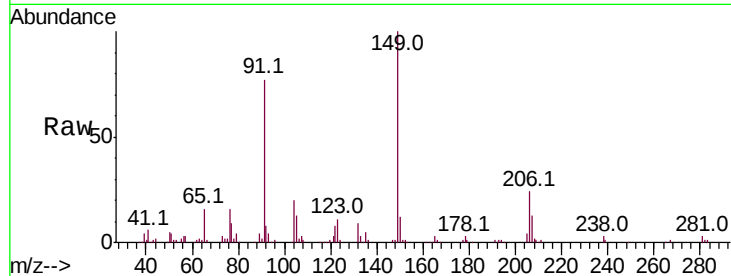




#80
 Butylbenzylphthalate
 Concen: 17.915 ng/ul
 RT: 20.46 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

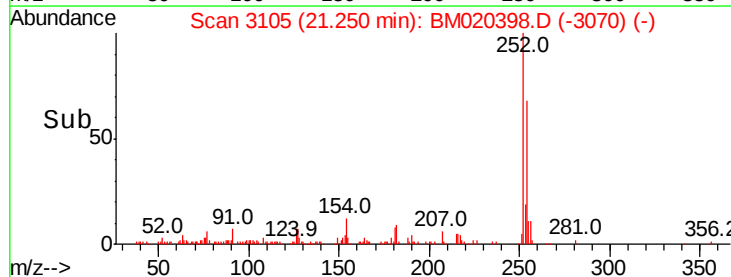
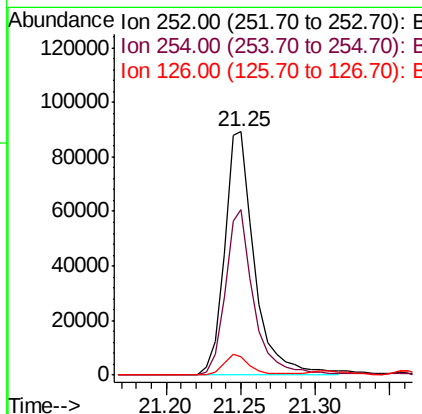
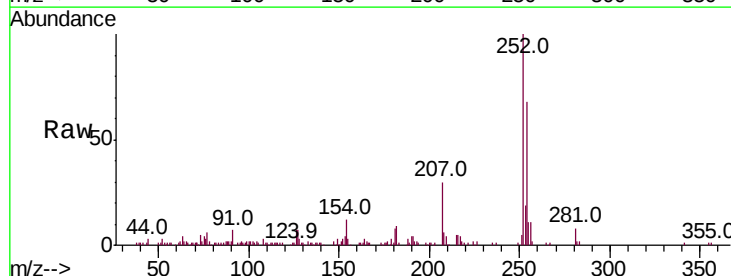
Instrument :
 BNA_M
 ClientSampleId :

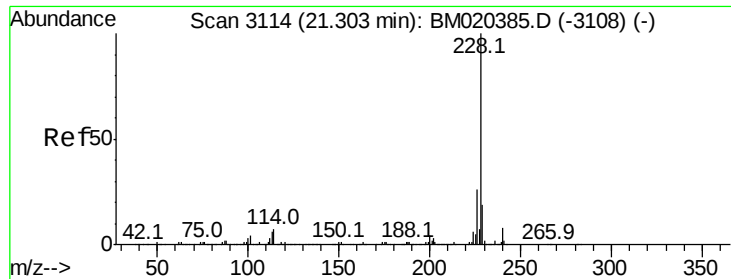
Tot Ion:	149	Resp:	121321
Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.0	94.4
206	24.1	18.2	27.4



#81
 3,3'-Dichlorobenzidine
 Concen: 19.087 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: BM020398.D
 Acq: 18 May 2019 12:24

Tgt Ion:	252	Resp:	125883
Ion	Ratio	Lower	Upper
252	100		
254	68.1	49.4	74.0
126	7.5	5.8	8.8

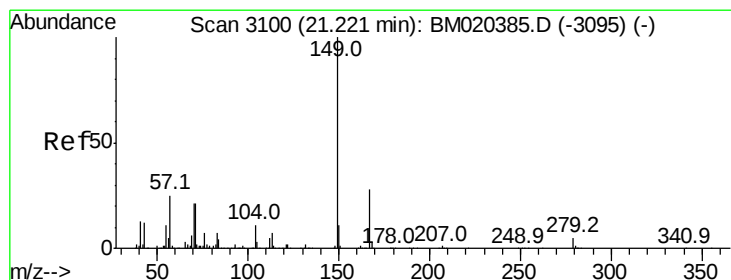
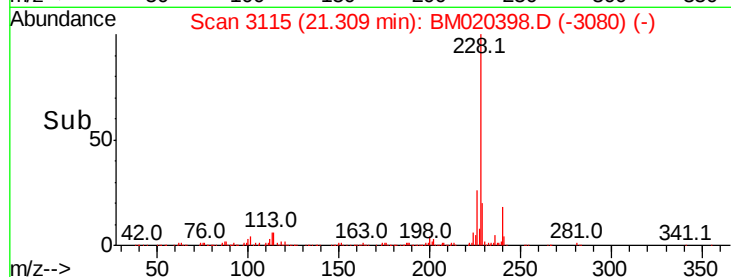
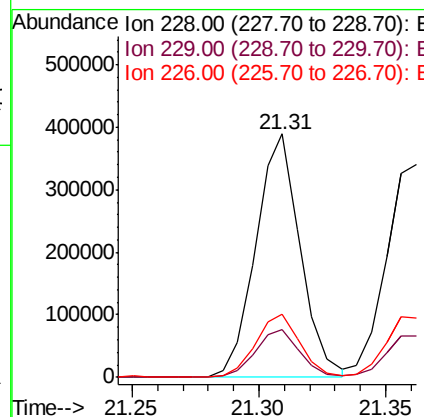
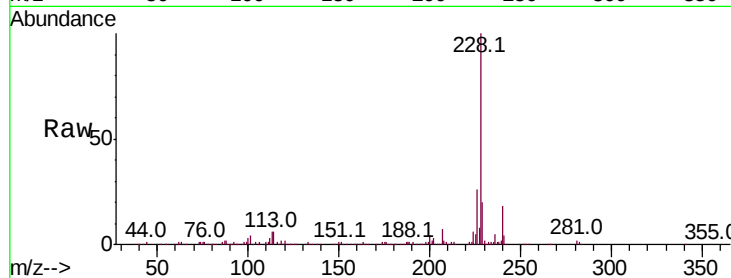




#82
Benzo(a)anthracene
Concen: 21.965 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

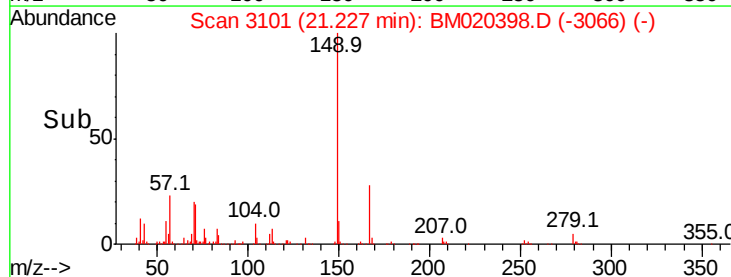
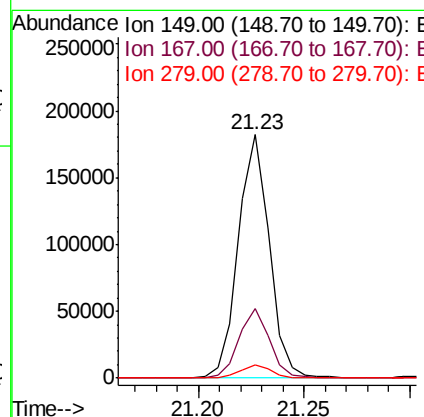
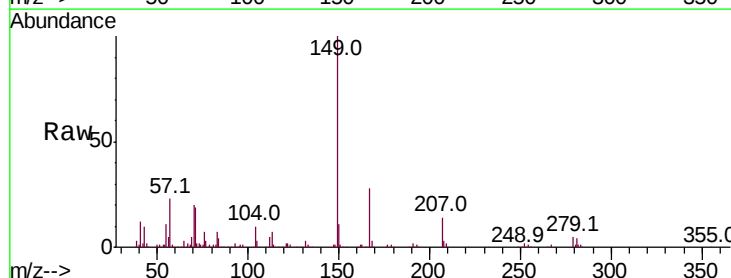
Instrument :
BNA_M
ClientSampled :

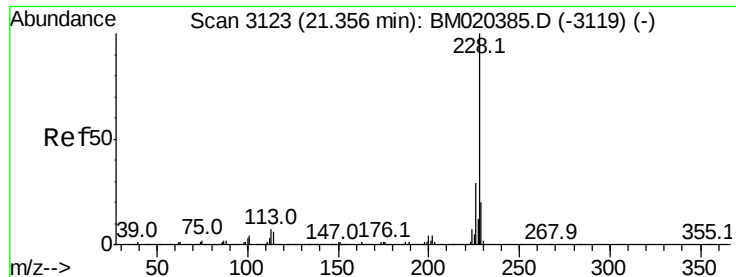
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	25.9	20.6	30.8



#83
Bis(2-ethylhexyl)phthalate
Concen: 18.812 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM020398.D
Acq: 18 May 2019 12:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	5.4	4.2	6.2





#84

Chrysene

Concen: 22.416 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

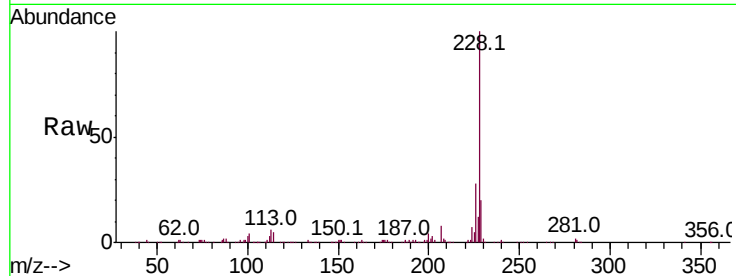
Tot Ion:228 Resp: 463947

Ion Ratio Lower Upper

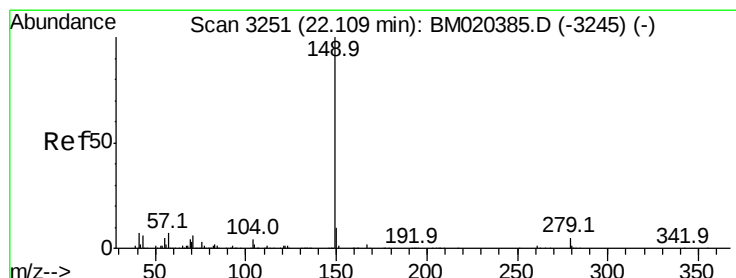
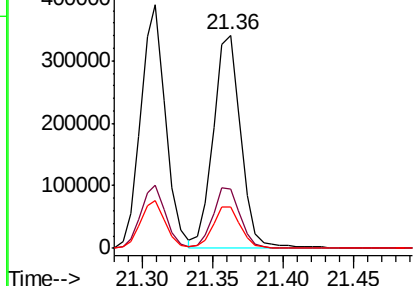
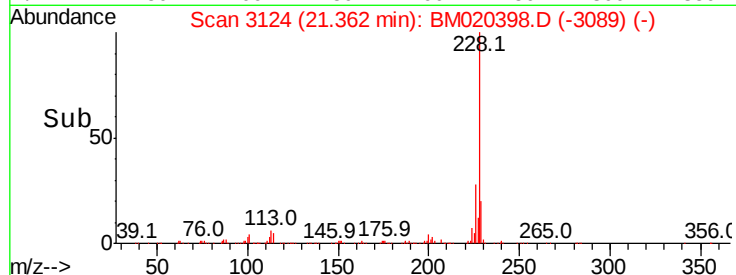
228 100

226 27.7 22.2 33.4

229 19.7 15.4 23.2



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



#86

Di-n-octyl phthalate

Concen: 17.490 ng/ul

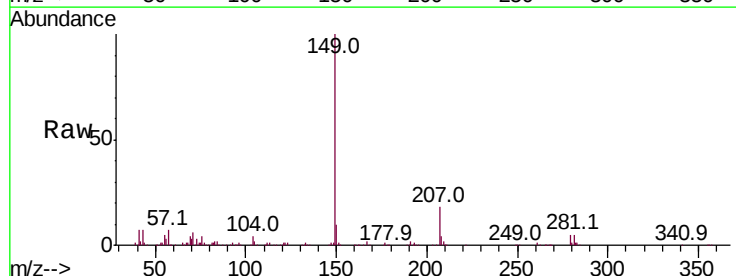
RT: 22.12 min Scan# 3252

Delta R.T. 0.01 min

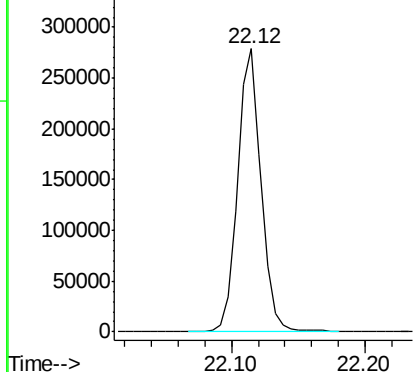
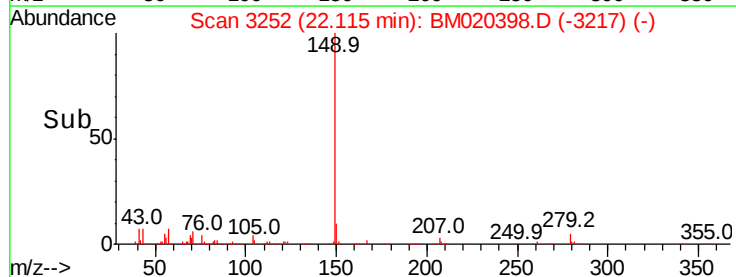
Lab File: BM020398.D

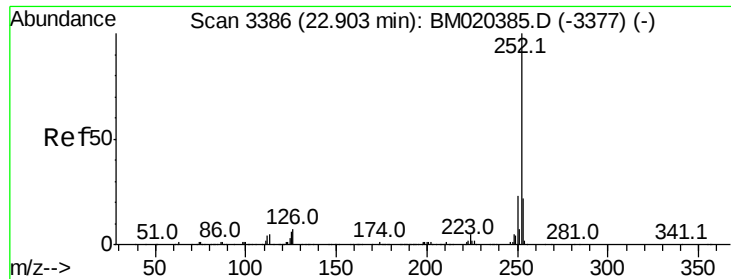
Acq: 18 May 2019 12:24

Tgt Ion:149 Resp: 337932



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 21.692 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

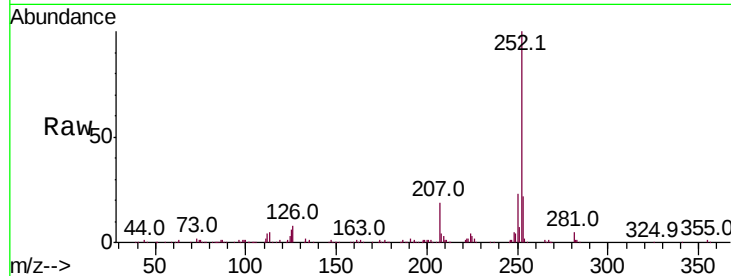
Tot Ion:252 Resp: 492558

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

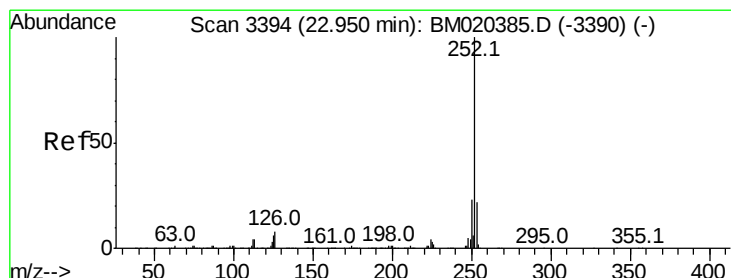
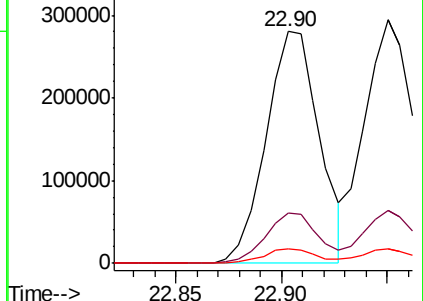
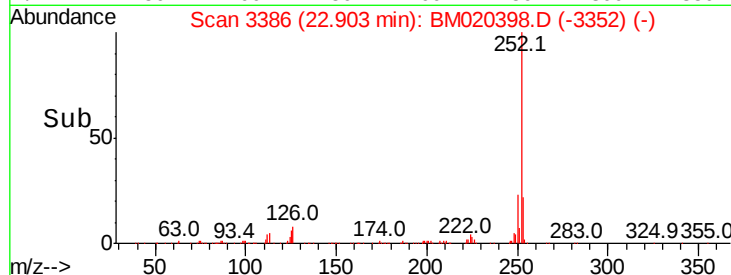
125 6.2 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.320 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

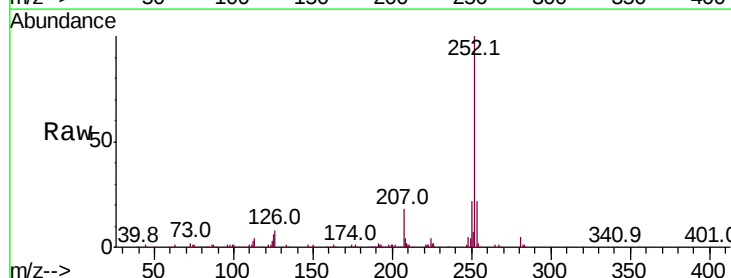
Tgt Ion:252 Resp: 497794

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

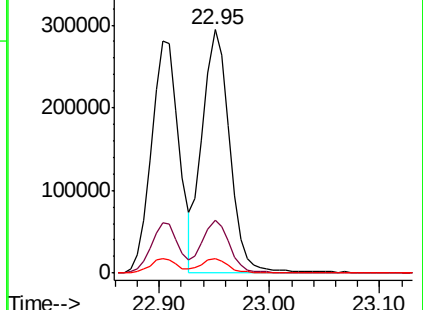
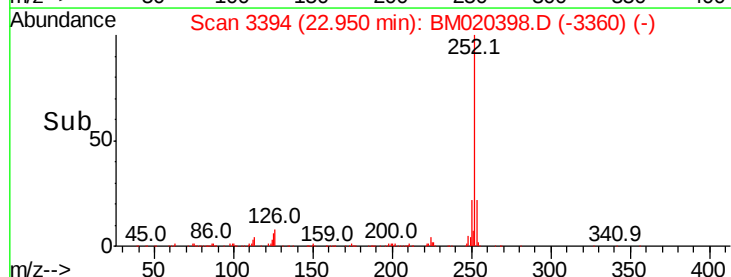
125 6.0 5.0 7.6

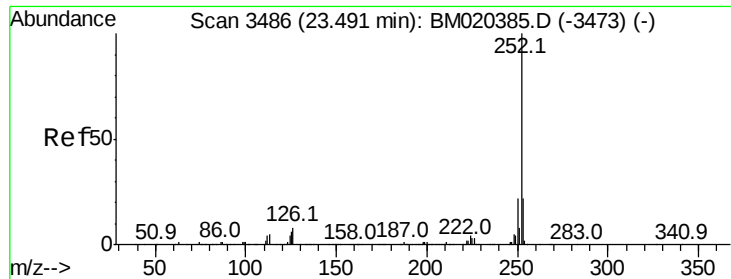


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 22.390 ng/u1

RT: 23.49 min Scan# 3486

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

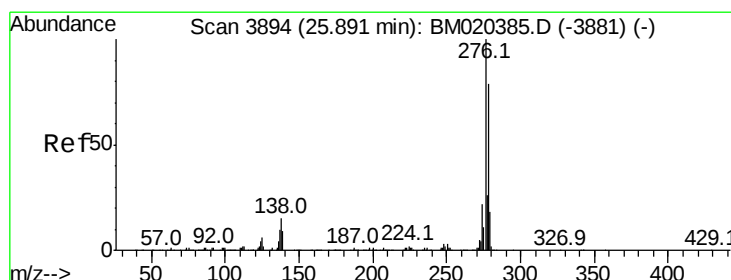
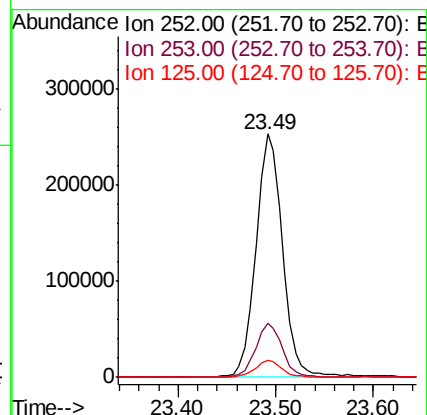
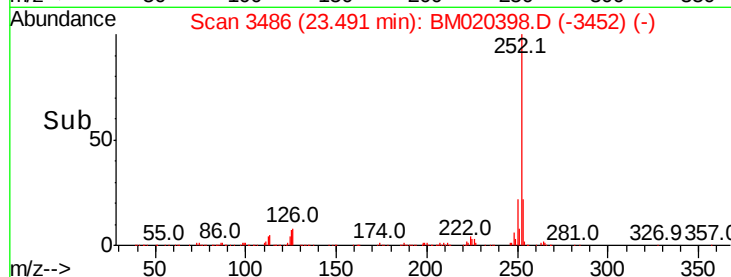
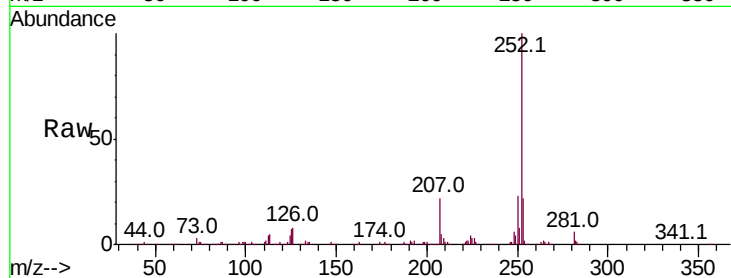
Tot Ion:252 Resp: 478437

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.8 5.4 8.2



#91

Indeno(1,2,3-cd)pyrene

Concen: 23.907 ng/u1

RT: 25.90 min Scan# 3895

Delta R.T. 0.01 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

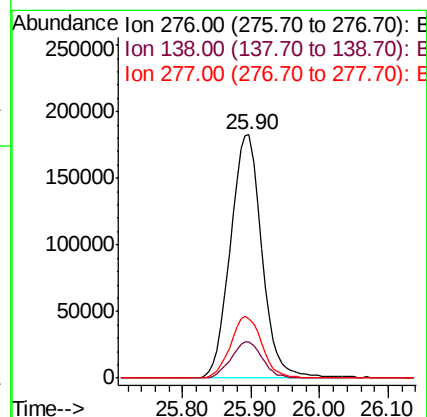
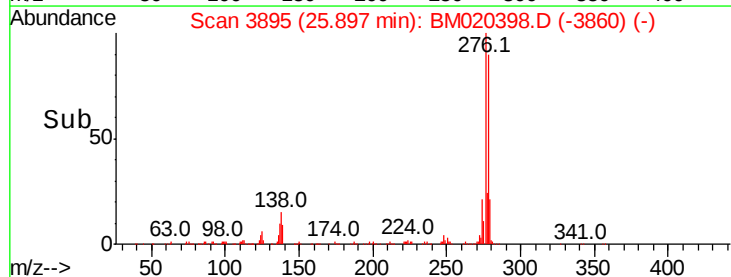
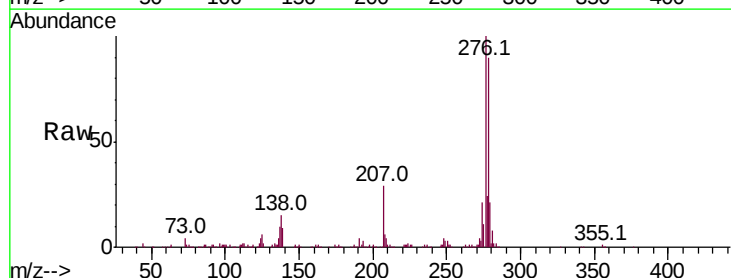
Tgt Ion:276 Resp: 582118

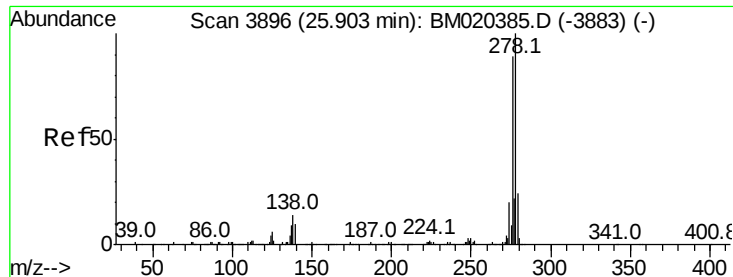
Ion Ratio Lower Upper

276 100

138 15.0 12.3 18.5

277 24.2 20.0 30.0





#92

Dibenzo(a,h)anthracene

Concen: 23.938 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

Instrument :

BNA_M

ClientSampleId :

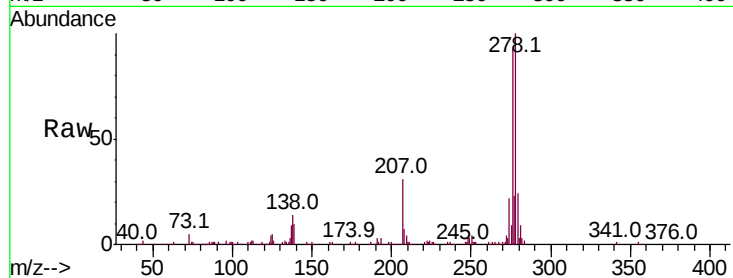
Tot Ion:278 Resp: 498431

Ion Ratio Lower Upper

278 100

139 9.6 8.1 12.1

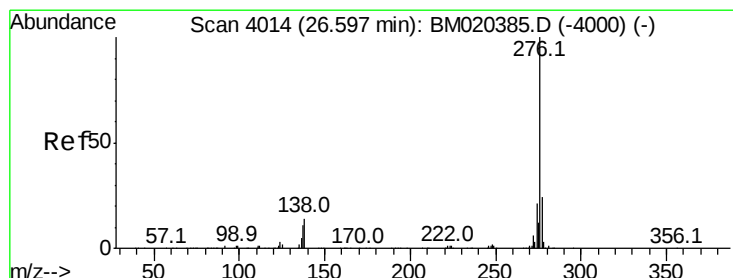
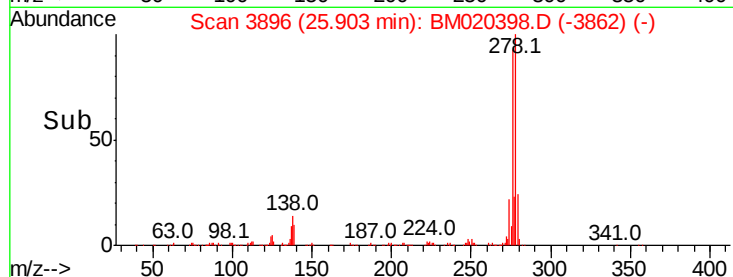
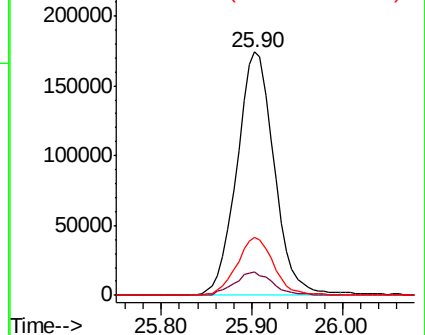
279 23.7 18.7 28.1



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



#93

Benzo(g,h,i)perylene

Concen: 23.430 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.00 min

Lab File: BM020398.D

Acq: 18 May 2019 12:24

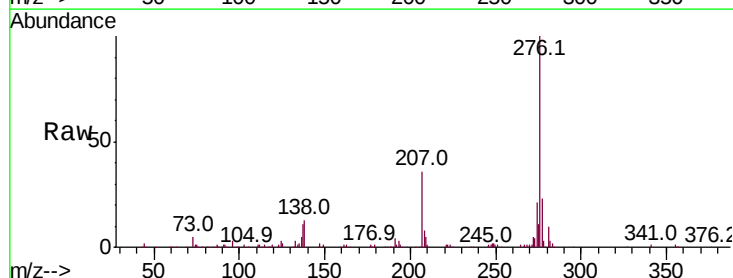
Tgt Ion:276 Resp: 472239

Ion Ratio Lower Upper

276 100

138 13.2 10.0 15.0

277 23.4 18.2 27.4



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

