

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024688.D
 Acq On : 31 Jan 2020 22:46
 Operator : CG/JU
 Sample : L1004-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:00:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	196855	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	708581	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	488184	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1140273	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1216726	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1401997	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1468163	141.83	ng	0.00
7) Phenol-d6	6.63	99	1758582	123.33	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1165498	80.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1217973	153.38	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3342889	93.09	ng	-0.02
79) Terphenyl-d14	19.49	244	6494861	99.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	169801	41.469	ng	# 66
3) Pyridine	3.45	79	369662	31.142	ng	95
4) n-Nitrosodimethylamine	3.36	42	191805	36.404	ng	84
6) Aniline	6.77	93	198731	11.448	ng	96
8) 2-Chlorophenol	7.00	128	576864	48.955	ng	93
9) Benzaldehyde	6.57	77	252649	29.986	ng	93
10) Phenol	6.66	94	675088	47.494	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	473709	41.630	ng	94
12) 1,3-Dichlorobenzene	7.32	146	638787	44.127	ng	95
13) 1,4-Dichlorobenzene	7.46	146	654208	44.547	ng	98
14) 1,2-Dichlorobenzene	7.77	146	619723	43.717	ng	98
15) Benzyl Alcohol	7.67	79	478328	40.685	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	343825	33.006	ng	95
17) 2-Methylphenol	7.88	107	452249	45.150	ng	95
18) Hexachloroethane	8.49	117	227385	40.096	ng	94
19) n-Nitroso-di-n-propylamine	8.23	70	379710	35.466	ng	94
20) 3+4-Methylphenols	8.20	107	608571	43.890	ng	97
22) Acetophenone	8.24	105	788050	43.131	ng	95
24) Nitrobenzene	8.60	77	574212	41.471	ng	93
25) Isophorone	9.13	82	1051787	42.842	ng	96
26) 2-Nitrophenol	9.31	139	331096	51.642	ng	90
27) 2,4-Dimethylphenol	9.39	122	509607	58.492	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	641215	42.755	ng	99
29) 2,4-Dichlorophenol	9.85	162	626400	53.217	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	692873	48.807	ng	99
31) Naphthalene	10.23	128	1679172	46.919	ng	99
32) Benzoic acid	9.55	122	347900	43.652	ng	95
33) 4-Chloroaniline	10.36	127	64466	4.109	ng	95
34) Hexachlorobutadiene	10.53	225	456303	46.497	ng	98
35) Caprolactam	11.13	113	76812	20.340	ng	83
36) 4-Chloro-3-methylphenol	11.49	107	589366	47.088	ng	91
37) 2-Methylnaphthalene	11.86	142	1323693	47.927	ng	98
38) 1-Methylnaphthalene	12.08	142	1247519	47.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	817652	46.929	ng	98

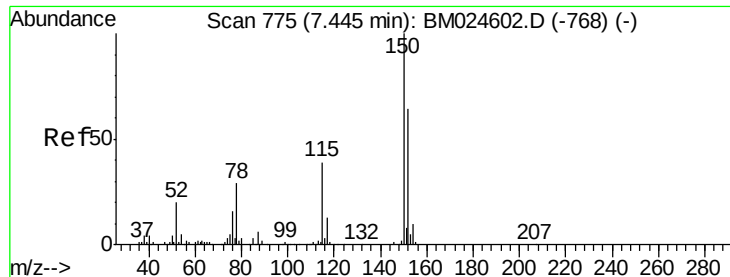
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024688.D
 Acq On : 31 Jan 2020 22:46
 Operator : CG/JU
 Sample : L1004-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 01:00:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	907250	92.898	ng	99
43) 2,4,6-Trichlorophenol	12.49	196	569339	51.350	ng	100
44) 2,4,5-Trichlorophenol	12.56	196	613203	54.154	ng	96
46) 1,1'-Biphenyl	12.90	154	1747863	47.310	ng	99
47) 2-Chloronaphthalene	12.93	162	1412242	47.350	ng	97
48) 2-Nitroaniline	13.14	65	334644	36.788	ng	# 83
49) Acenaphthylene	13.79	152	2205777	49.403	ng	100
50) Dimethylphthalate	13.55	163	1955130	49.527	ng	99
51) 2,6-Dinitrotoluene	13.66	165	416869	49.670	ng	# 84
52) Acenaphthene	14.14	154	1316773	47.527	ng	99
53) 3-Nitroaniline	13.98	138	83106	9.547	ng	98
54) 2,4-Dinitrophenol	14.20	184	472398	94.124	ng	# 85
55) Dibenzofuran	14.48	168	2225586	49.255	ng	95
56) 4-Nitrophenol	14.32	139	727757	106.953	ng	86
57) 2,4-Dinitrotoluene	14.46	165	583536	48.513	ng	# 85
58) Fluorene	15.13	166	1795038	47.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	598196	52.094	ng	# 94
60) Diethylphthalate	14.94	149	1817225	45.344	ng	97
61) 4-Chlorophenyl-phenylether	15.14	204	1013513	46.296	ng	99
62) 4-Nitroaniline	15.16	138	351349	36.566	ng	91
63) Azobenzene	15.43	77	1400414	40.966	ng	92
65) 4,6-Dinitro-2-methylphenol	15.22	198	363429	54.206	ng	89
66) n-Nitrosodiphenylamine	15.36	169	1626178	49.648	ng	99
67) 4-Bromophenyl-phenylether	16.03	248	688036	48.521	ng	97
68) Hexachlorobenzene	16.14	284	796911	48.973	ng	96
69) Atrazine	16.33	200	670688	53.345	ng	98
70) Pentachlorophenol	16.49	266	1066311	107.579	ng	99
71) Phenanthrene	16.87	178	2987708	48.386	ng	99
72) Anthracene	16.96	178	3051568	50.507	ng	99
73) Carbazole	17.23	167	2722276	49.495	ng	99
74) Di-n-butylphthalate	17.83	149	3228870	45.921	ng	99
75) Fluoranthene	18.90	202	3828456	49.677	ng	98
77) Benzidine	19.09	184	1216584	42.934	ng	99
78) Pyrene	19.26	202	3906087	48.698	ng	100
80) Butylbenzylphthalate	20.20	149	1516124	45.046	ng	90
81) Benzo(a)anthracene	21.02	228	4091033	48.444	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	603945	19.881	ng	98
83) Chrysene	21.07	228	3873262	48.067	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2196193	44.223	ng	96
85) Di-n-octyl phthalate	21.84	149	3838855	46.788	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.21	276	4926527	56.093	ng	98
88) Benzo(b)fluoranthene	22.53	252	4356977	47.916	ng	99
89) Benzo(k)fluoranthene	22.57	252	4144114	46.691	ng	99
90) Benzo(a)pyrene	23.06	252	3880498	46.939	ng	99
91) Dibenzo(a,h)anthracene	25.23	278	4174661	53.203	ng	99
92) Benzo(g,h,i)perylene	25.84	276	4098381	57.522	ng	99

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

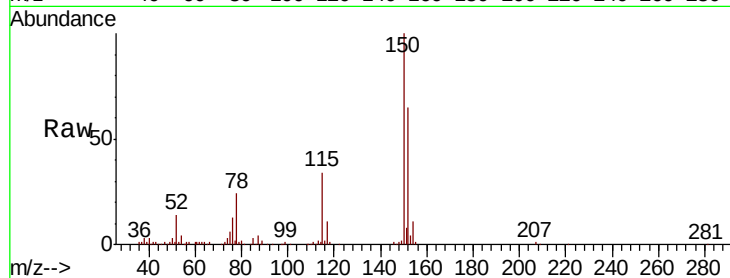


#1

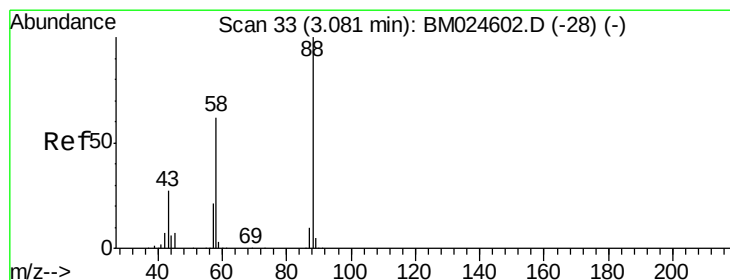
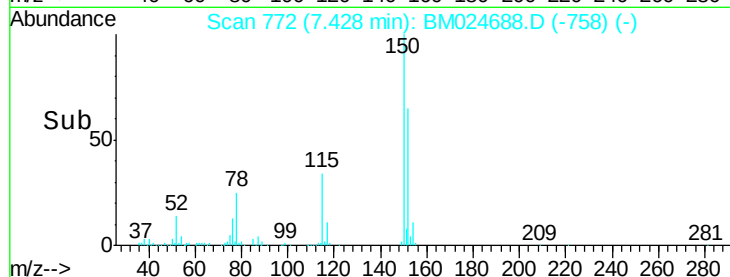
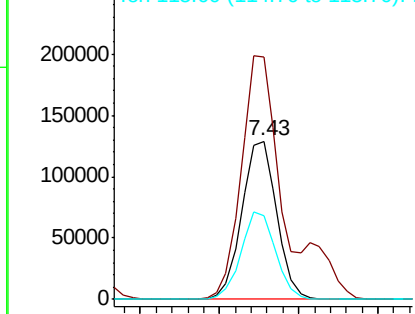
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 196855
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.4
115 52.7 48.6 72.8



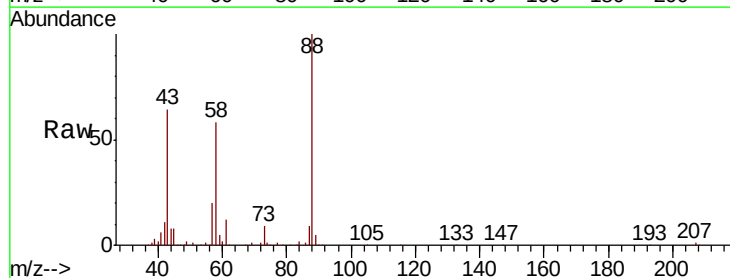
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



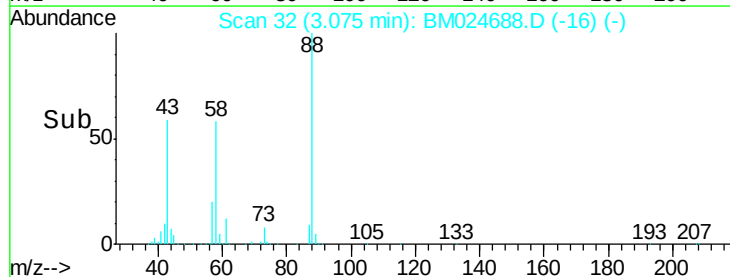
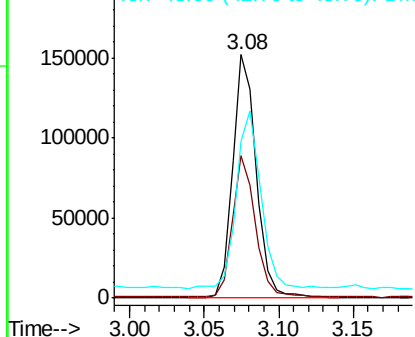
#2

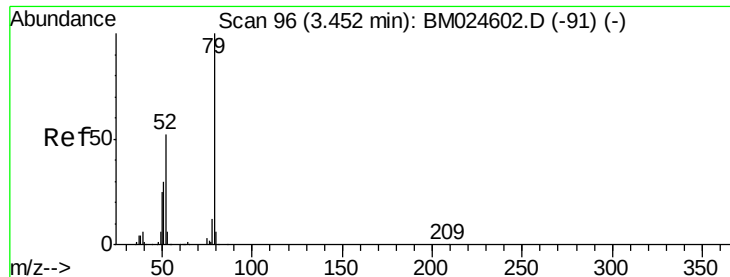
1,4-Dioxane
Concen: 41.469 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion: 88 Resp: 169801
Ion Ratio Lower Upper
88 100
58 56.3 50.0 75.0
43 75.3 21.6 32.4#



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: 31.142 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

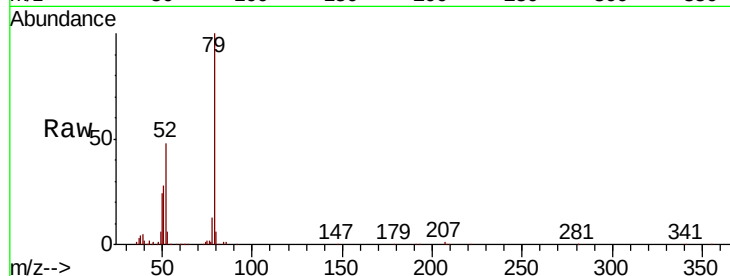
Tot Ion: 79 Resp: 369662

Ion Ratio Lower Upper

79 100

52 47.5 41.4 62.2

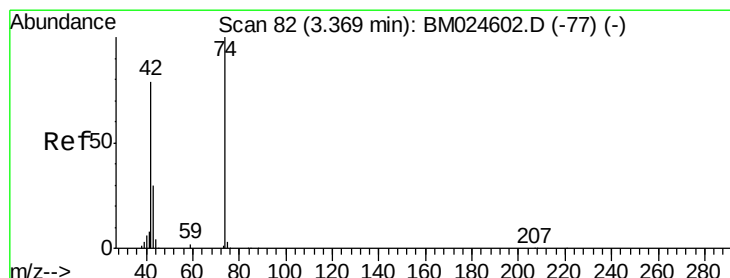
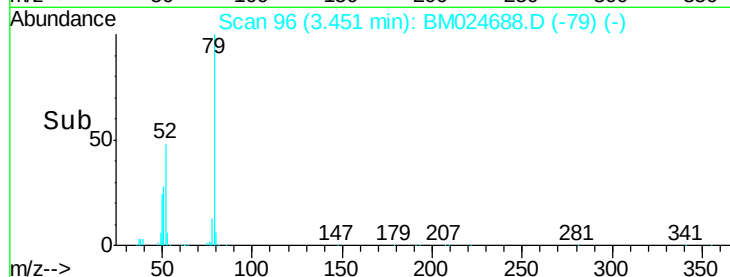
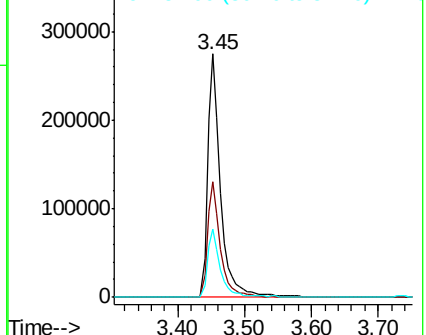
51 28.1 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024688.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024688.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024688.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 36.404 ng

RT: 3.36 min Scan# 80

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

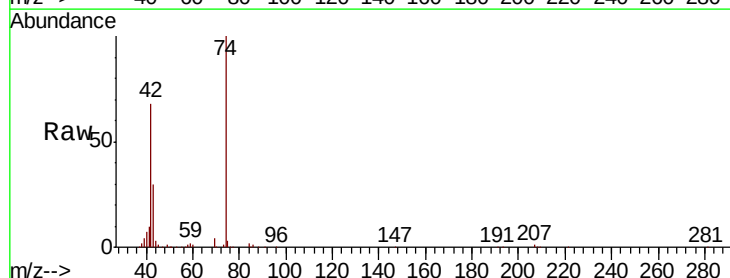
Tgt Ion: 42 Resp: 191805

Ion Ratio Lower Upper

42 100

74 146.3 101.4 152.2

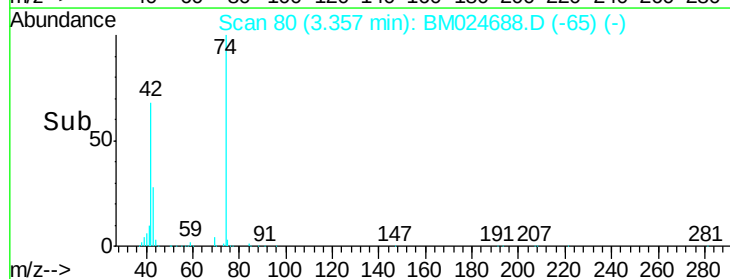
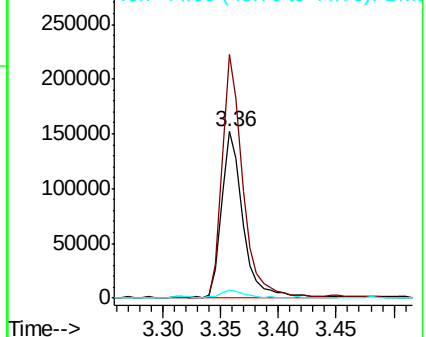
44 5.0 4.6 6.8

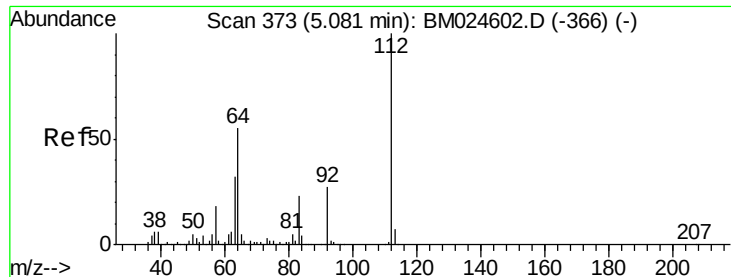


Abundance Ion 42.00 (41.70 to 42.70): BM024688.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024688.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024688.D (-65) (-)





#5

2-Fluorophenol

Concen: 141.835 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampled :

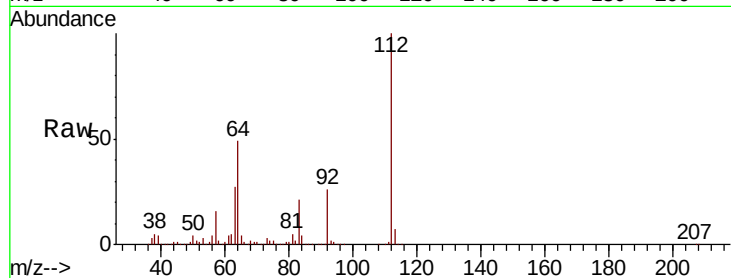
Tot Ion:112 Resp: 1468163

Ion Ratio Lower Upper

112 100

64 49.1 44.2 66.4

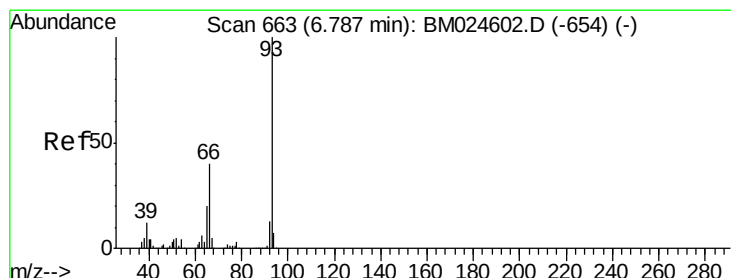
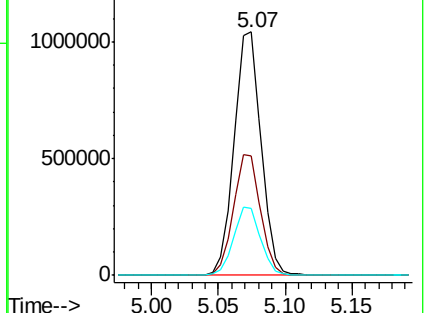
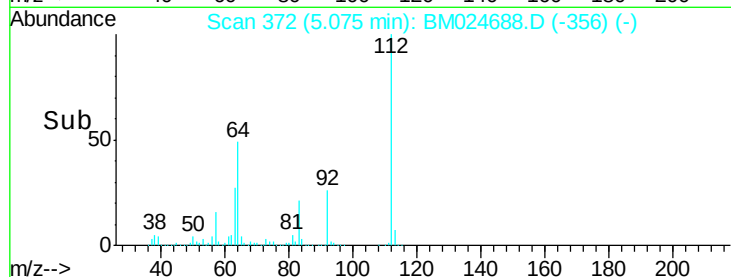
63 27.4 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 11.448 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

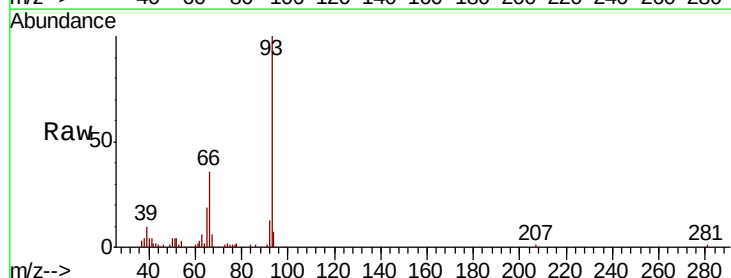
Tgt Ion: 93 Resp: 198731

Ion Ratio Lower Upper

93 100

66 36.4 31.8 47.8

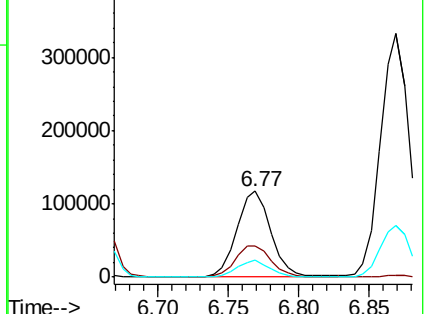
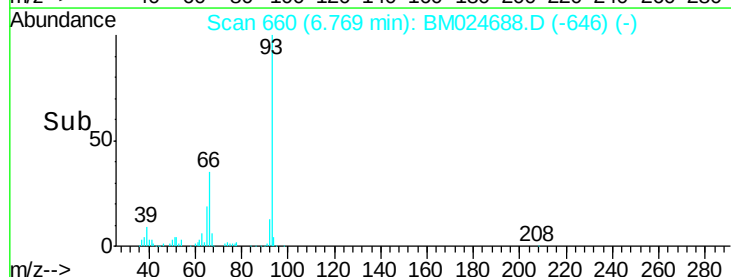
65 19.4 15.8 23.6

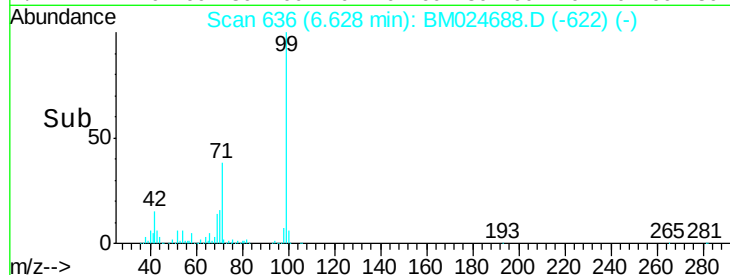
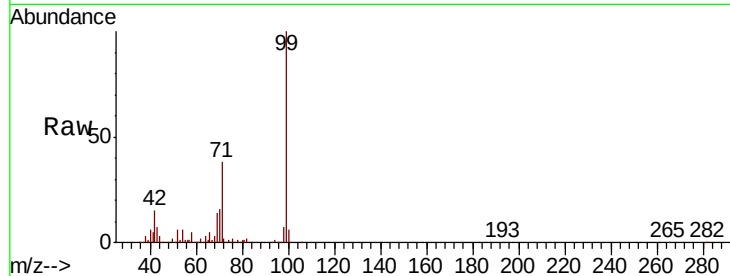
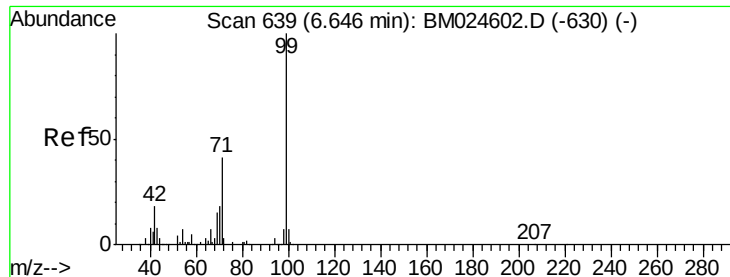


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 123.327 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

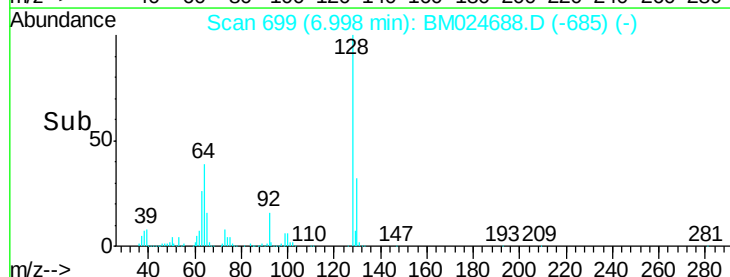
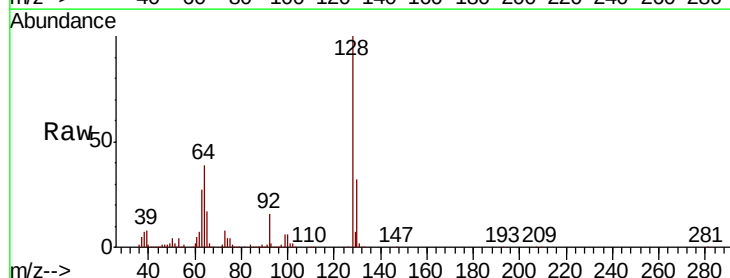
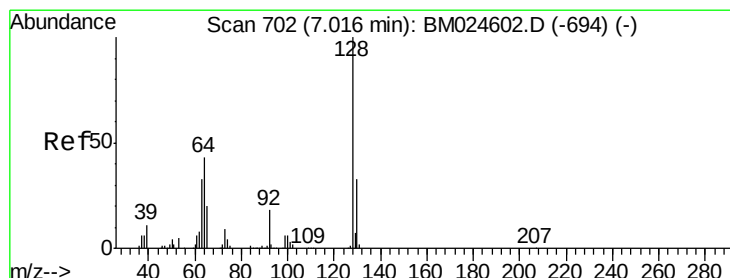
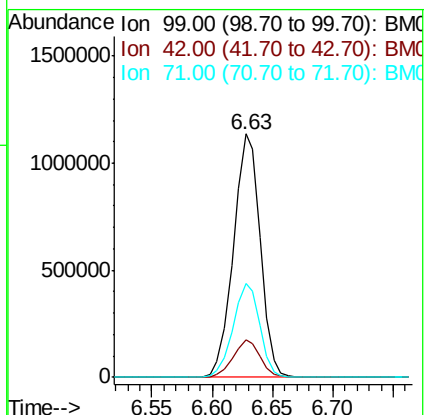
Tot Ion: 99 Resp: 1758582

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 38.5 33.0 49.6



#8

2-Chlorophenol

Concen: 48.955 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

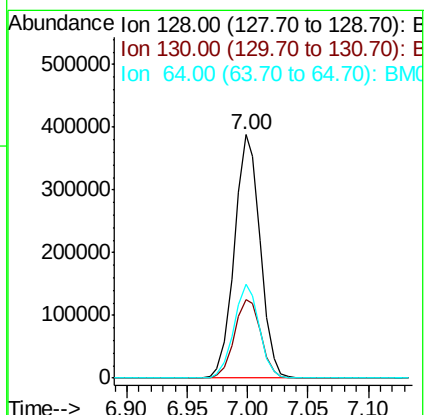
Tgt Ion: 128 Resp: 576864

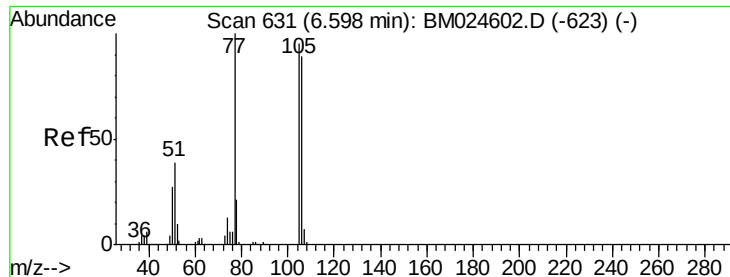
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 38.5 26.1 66.1





#9

Benzaldehyde

Concen: 29.986 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

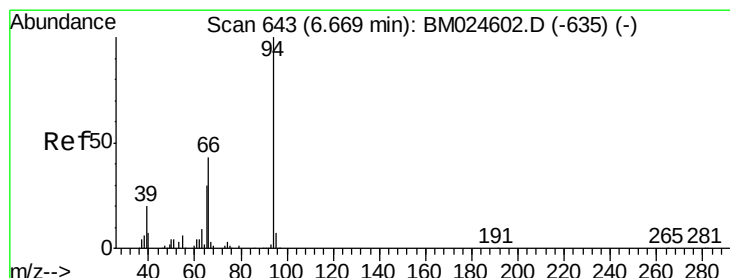
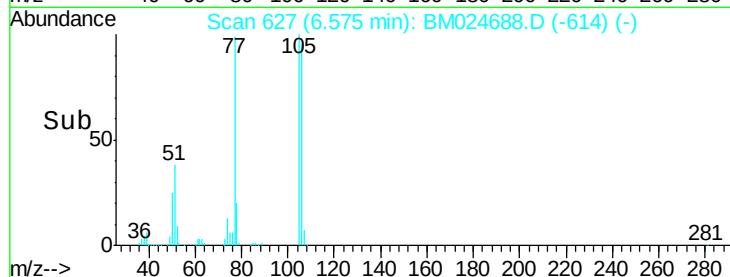
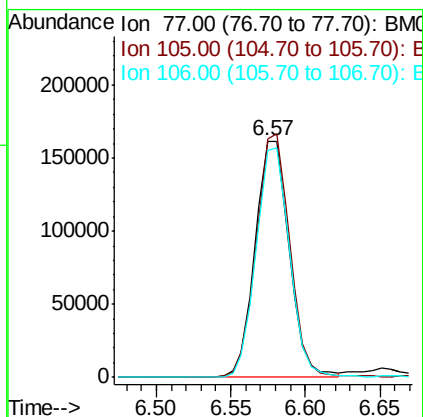
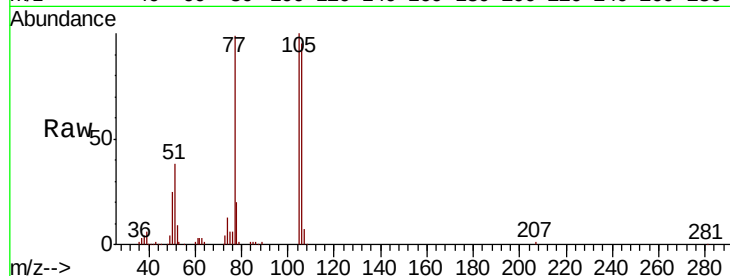
Tot Ion: 77 Resp: 252649

Ion Ratio Lower Upper

77 100

105 101.2 75.2 115.2

106 95.9 68.6 108.6



#10

Phenol

Concen: 47.494 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

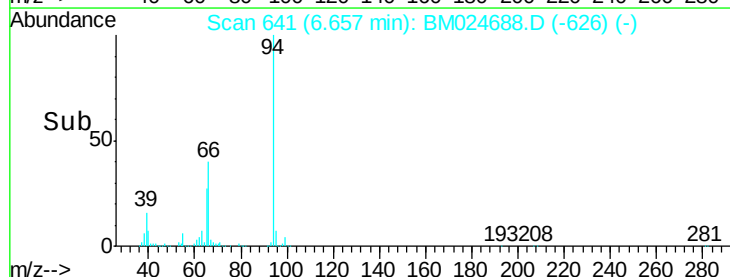
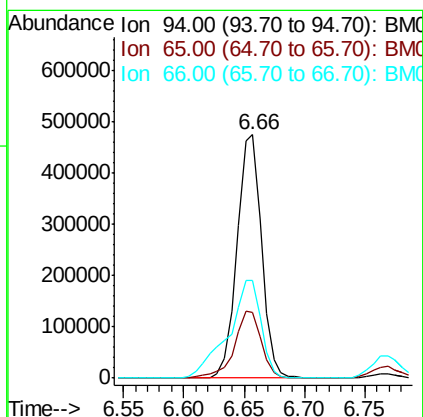
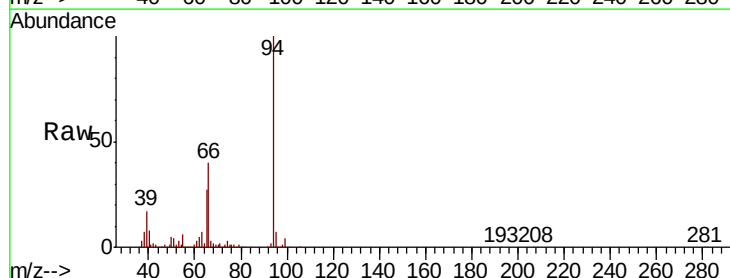
Tgt Ion: 94 Resp: 675088

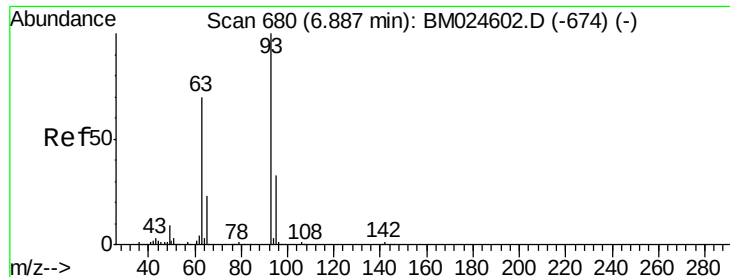
Ion Ratio Lower Upper

94 100

65 27.2 10.3 50.3

66 40.1 24.8 64.8

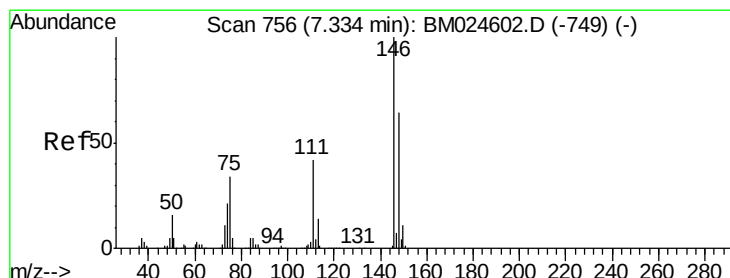
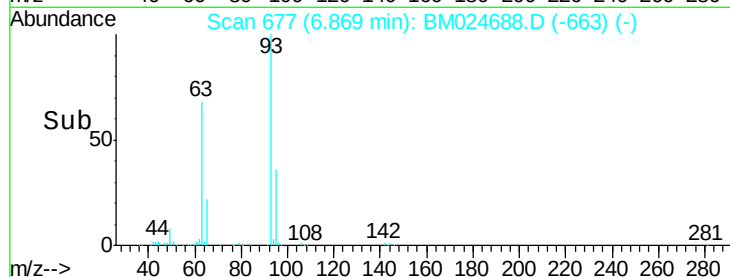
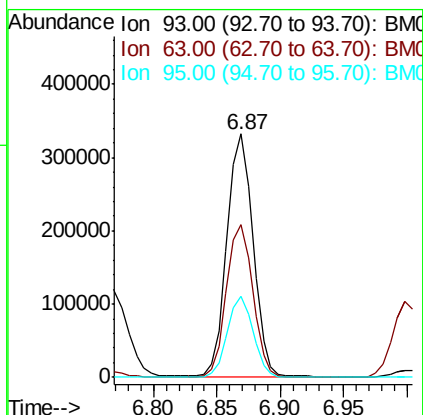
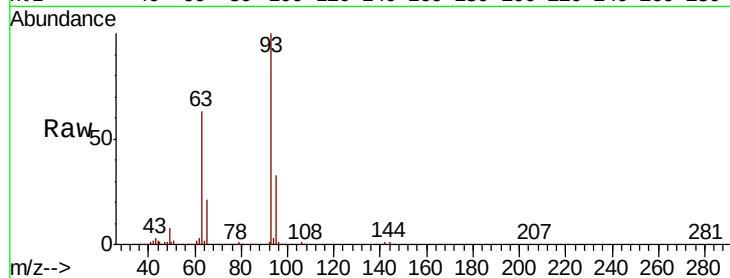




#11
bis(2-Chloroethyl)ether
Concen: 41.630 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

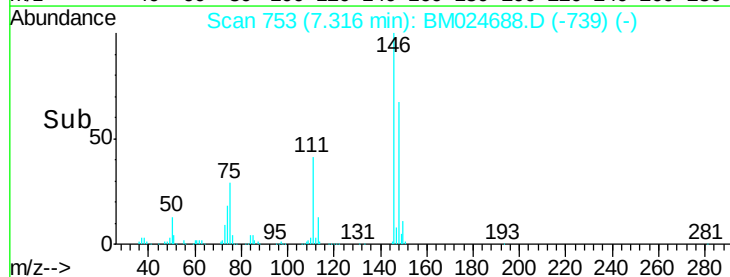
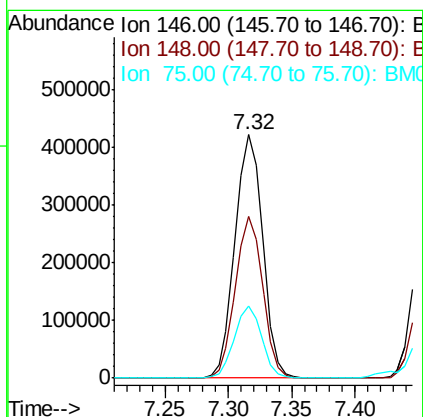
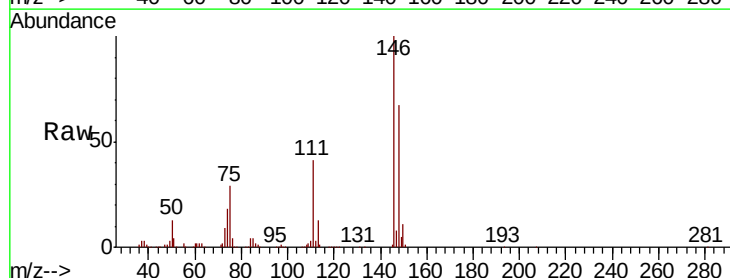
Instrument :
BNA_M
ClientSampleId :

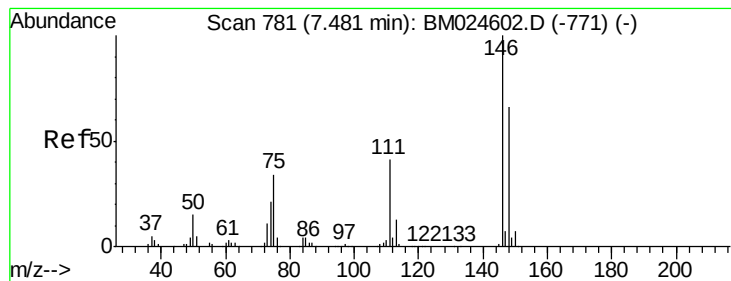
Tot Ion	Ratio	Lower	Upper
93	100		
63	62.6	49.6	89.6
95	33.0	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 44.127 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.0	76.6
75	29.5	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 44.547 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampled :

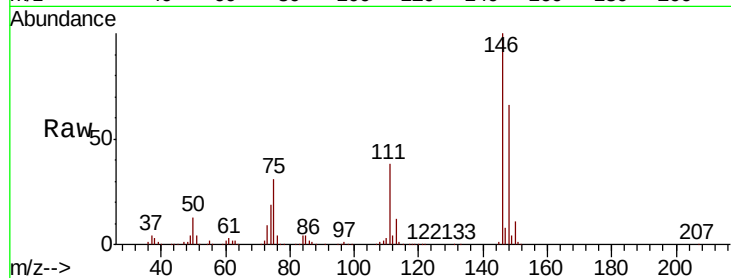
Tot Ion:146 Resp: 654208

Ion Ratio Lower Upper

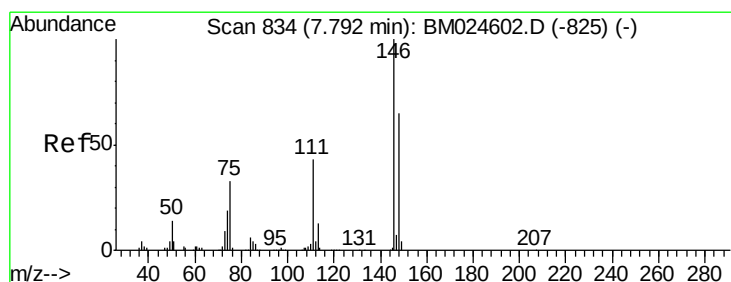
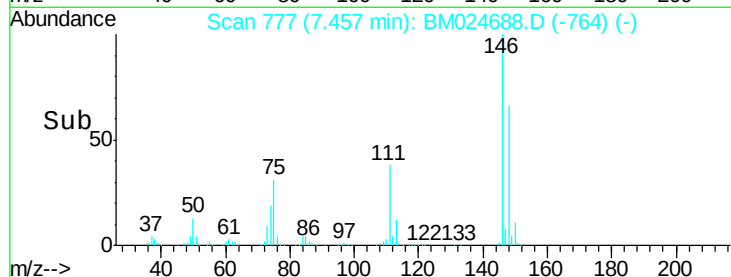
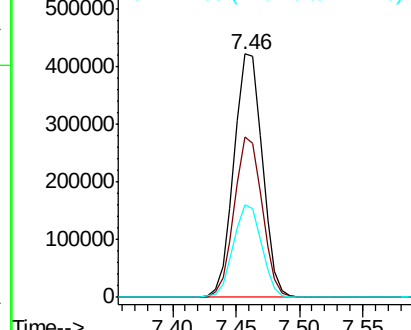
146 100

148 66.1 52.5 78.7

111 38.2 33.0 49.4



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



#14

1,2-Dichlorobenzene

Concen: 43.717 ng

RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

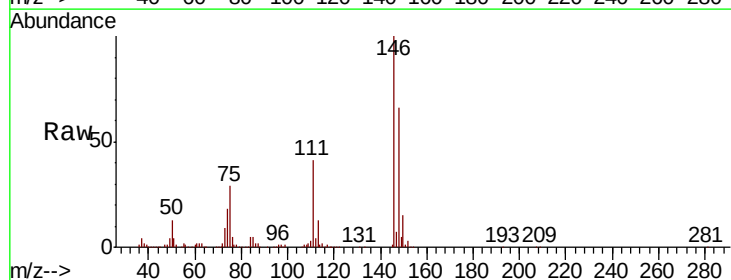
Tgt Ion:146 Resp: 619723

Ion Ratio Lower Upper

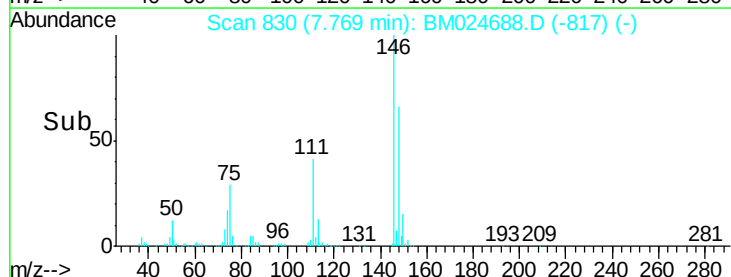
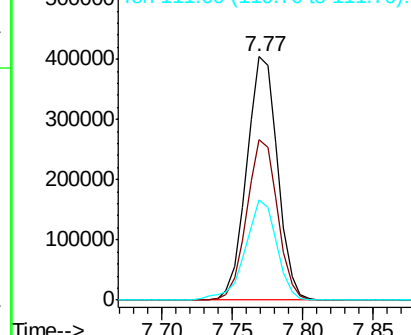
146 100

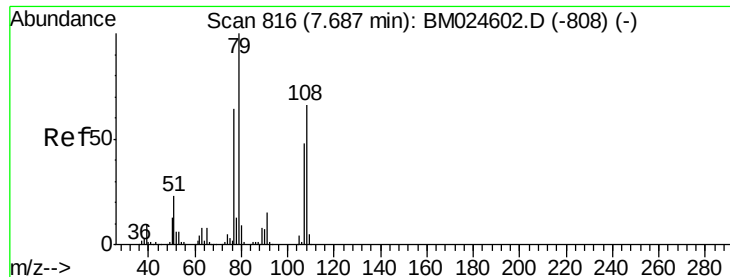
148 65.7 51.9 77.9

111 41.2 34.5 51.7



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: 40.685 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

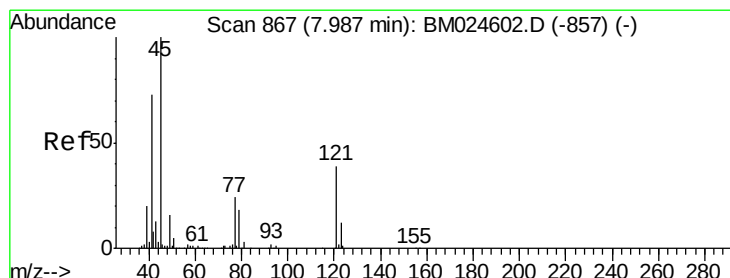
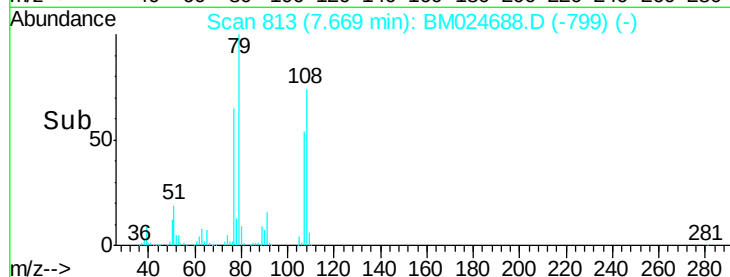
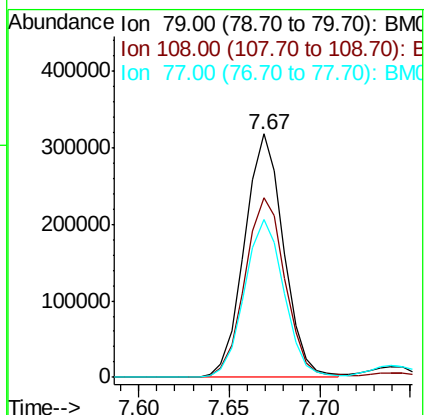
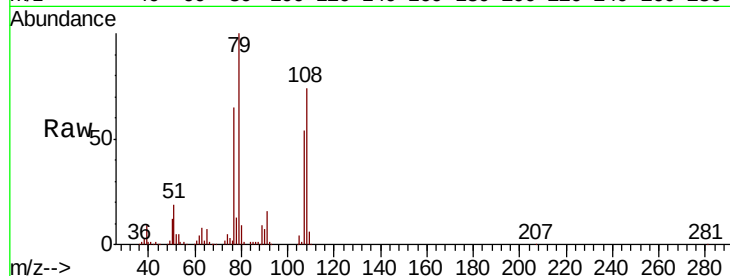
Tot Ion: 79 Resp: 478328

Ion Ratio Lower Upper

79 100

108 73.8 53.0 79.4

77 64.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.006 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

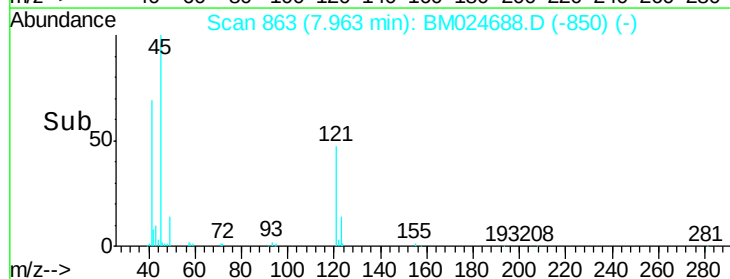
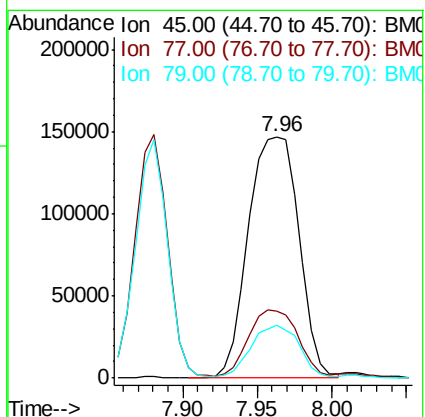
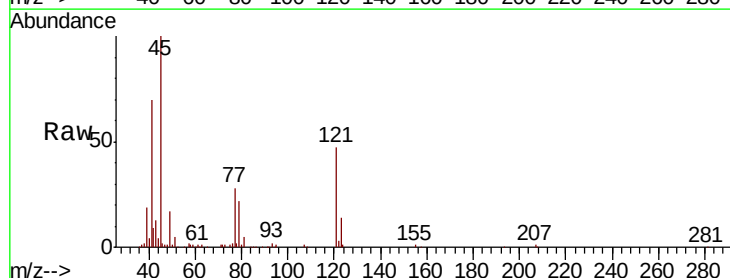
Tgt Ion: 45 Resp: 343825

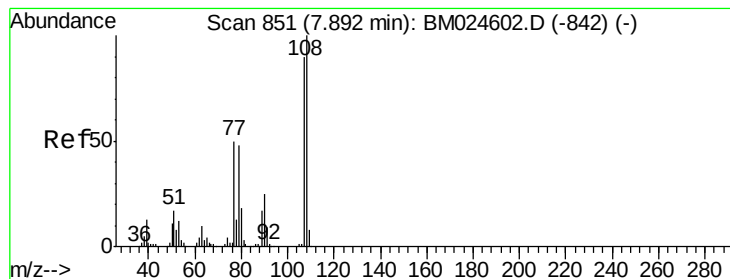
Ion Ratio Lower Upper

45 100

77 27.7 5.2 45.2

79 21.8 0.0 39.4

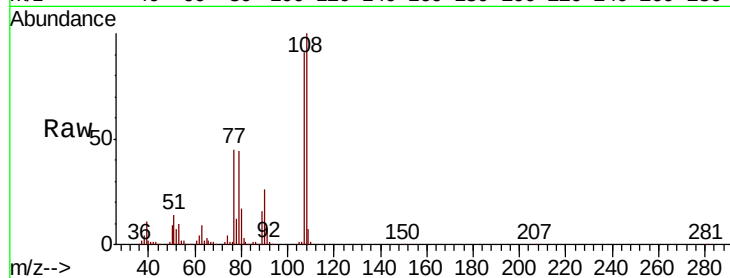




#17
2-Methylphenol
Concen: 45.150 ng
RT: 7.88 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleID :

Tot Ion:	107	Resp:	452249
Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.9	133.3
77	49.1	44.5	66.7
79	48.2	42.9	64.3



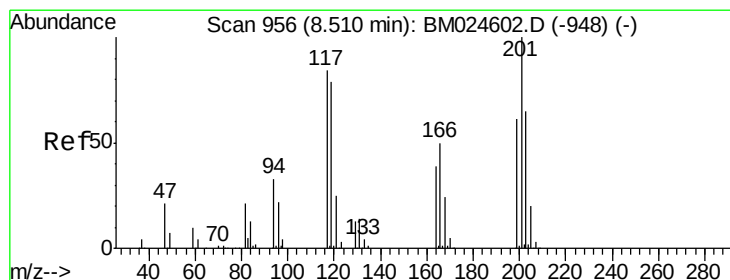
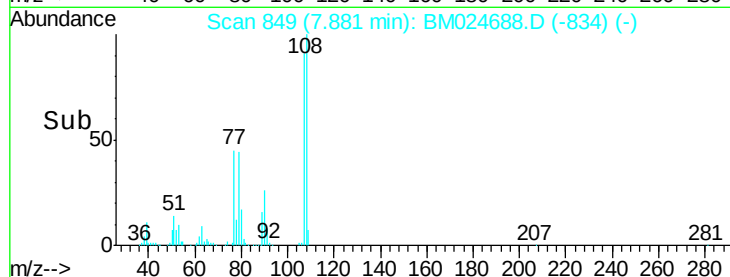
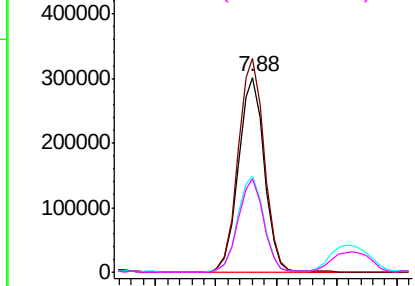
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

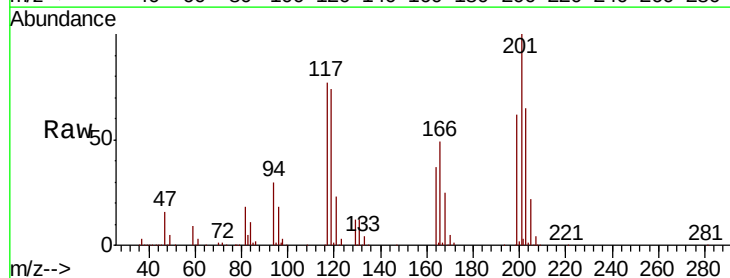
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 40.096 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:	117	Resp:	227385
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.2
201	130.2	95.8	143.6

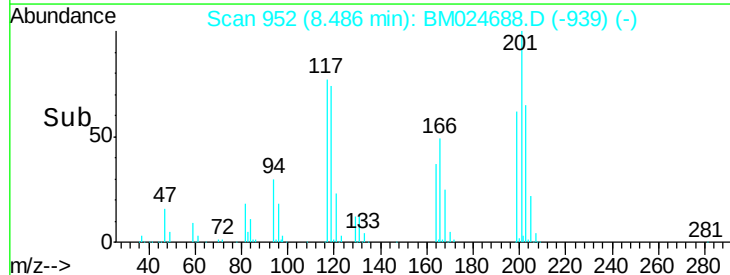
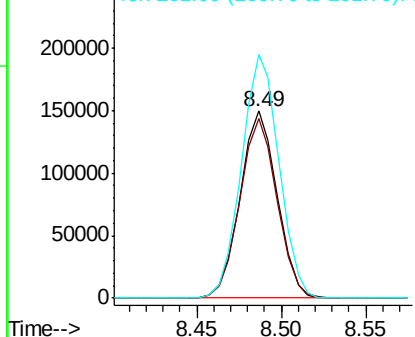


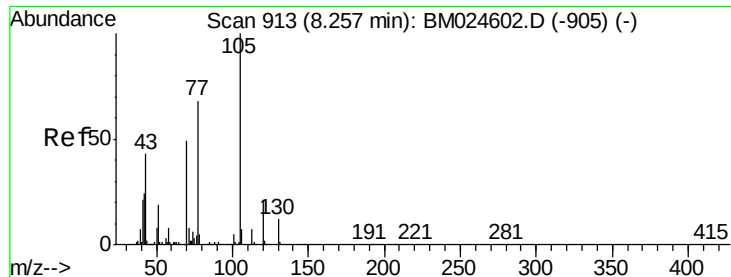
Abundance

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

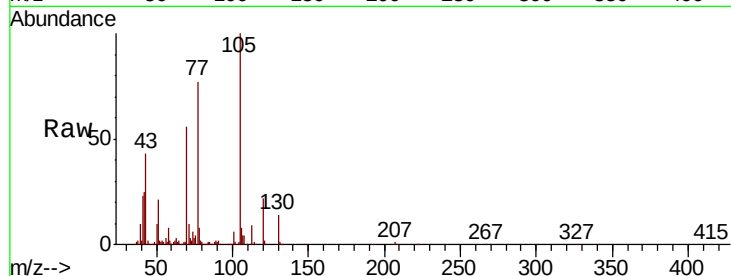




#19
n-Nitroso-di-n-propylamine
Concen: 35.466 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	379710
Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.0	60.0
101	11.5	8.2	12.2
130	24.6	18.6	27.8



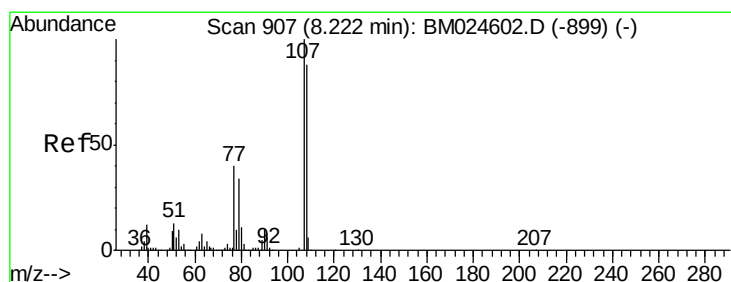
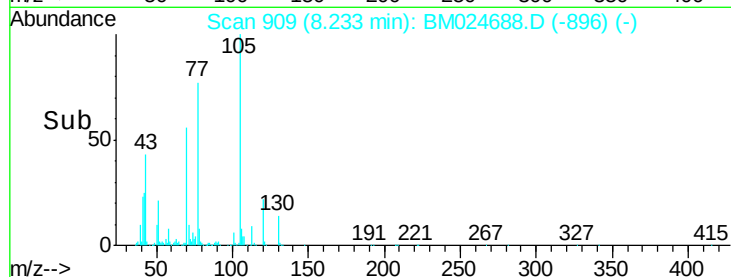
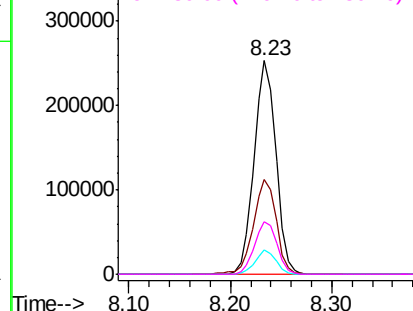
Abundance

Ion 70.00 (69.70 to 70.70): BM024688.D (-896) (-)

Ion 42.00 (41.70 to 42.70): BM024688.D (-896) (-)

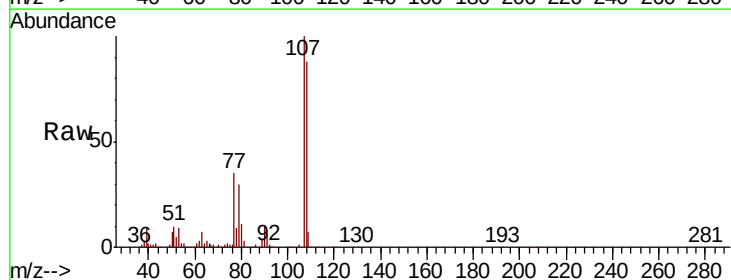
Ion 101.00 (100.70 to 101.70): BM024688.D (-896) (-)

Ion 130.00 (129.70 to 130.70): BM024688.D (-896) (-)



#20
3+4-Methylphenols
Concen: 43.890 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:	107	Resp:	608571
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.0	108.0
77	35.0	19.9	59.9
79	30.1	13.7	53.7



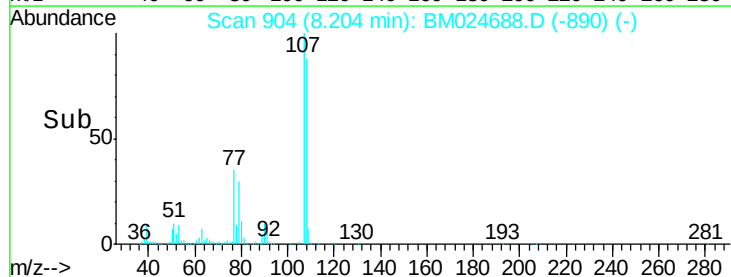
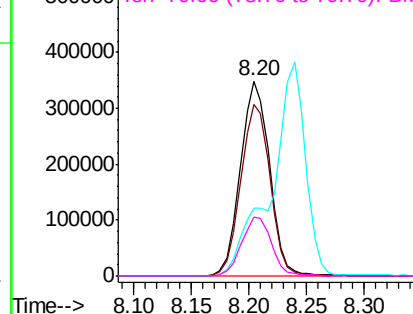
Abundance

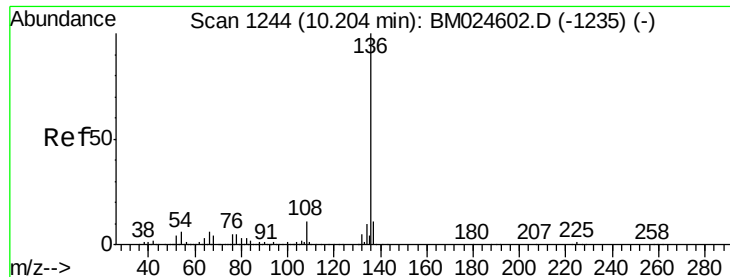
Ion 107.00 (106.70 to 107.70): BM024688.D (-890) (-)

Ion 108.00 (107.70 to 108.70): BM024688.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM024688.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM024688.D (-890) (-)

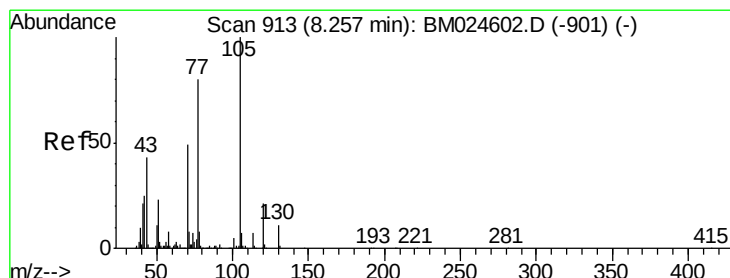
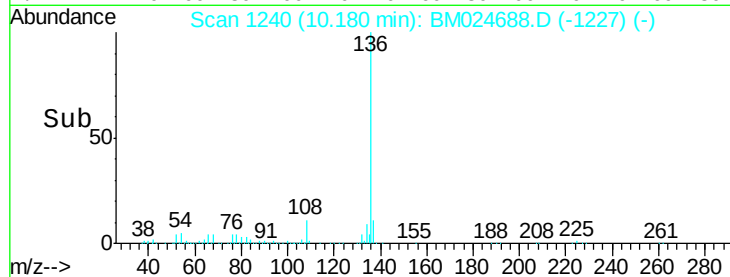
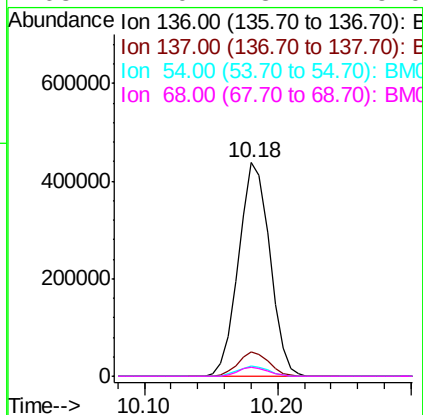
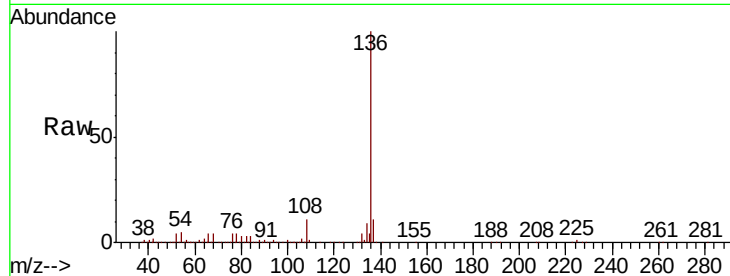




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

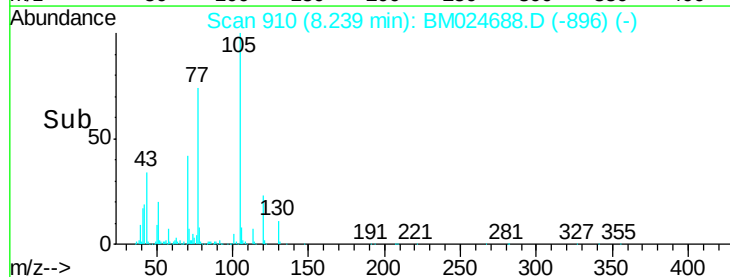
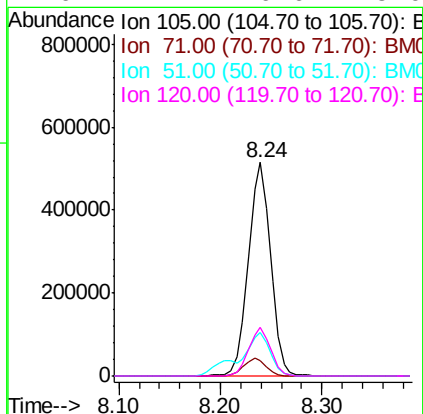
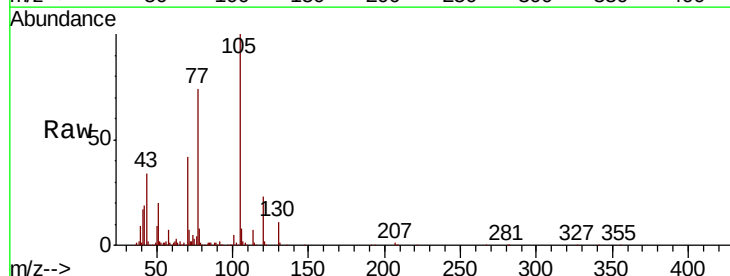
Instrument :
BNA_M
ClientSampleId :

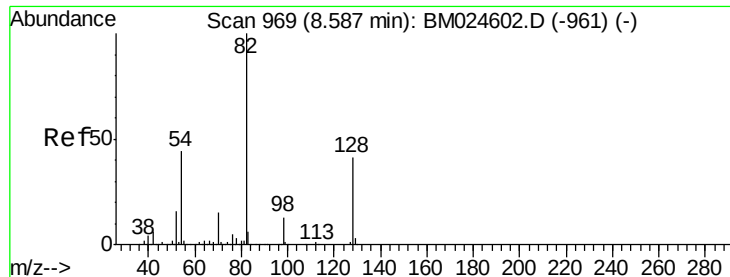
Tot Ion:136	Resp: 708581
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 4.7	4.5 6.7
68 4.0	3.4 5.0



#22
Acetophenone
Concen: 43.131 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt	Ion:105	Resp:	788050
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	20.2	18.5	27.7
120	22.7	16.6	25.0



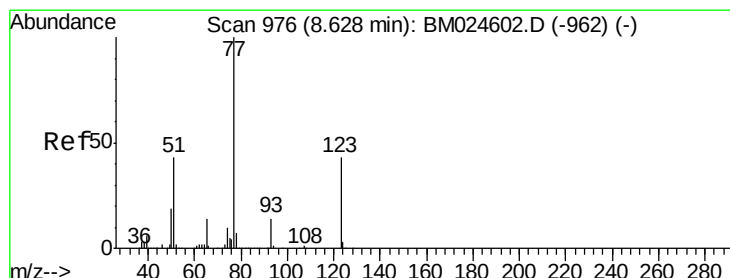
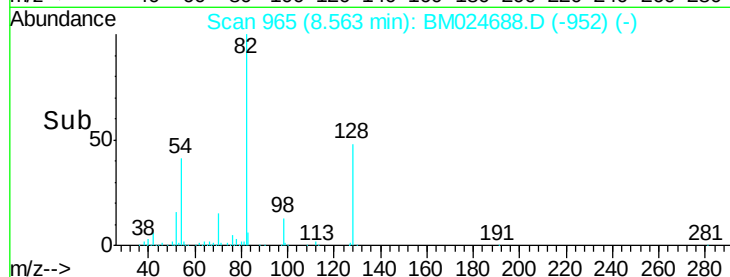
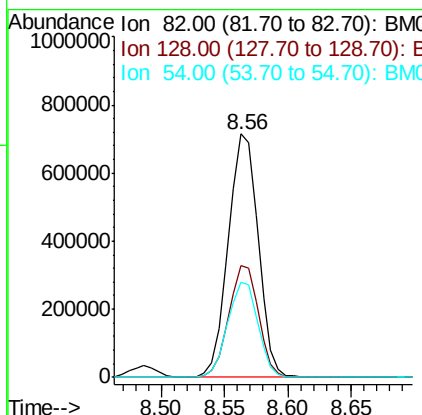
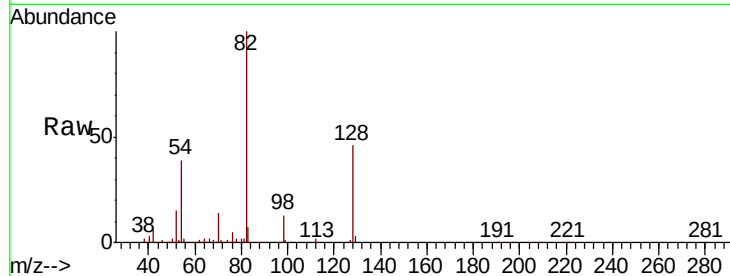


#23
 Nitrobenzene-d5
 Concen: 80.665 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1165498

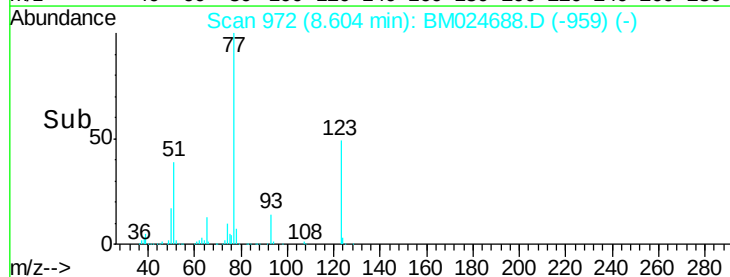
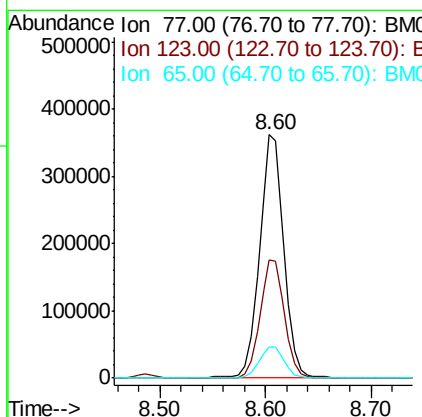
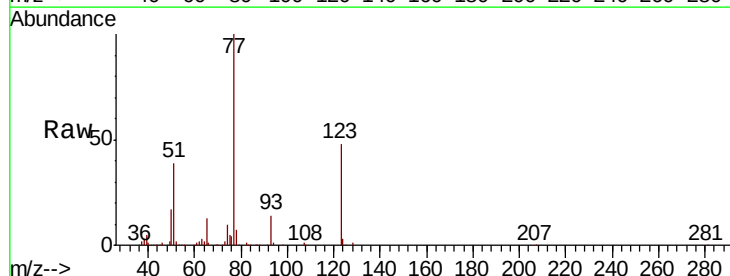
Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.6	48.8
54	39.2	34.8	52.2

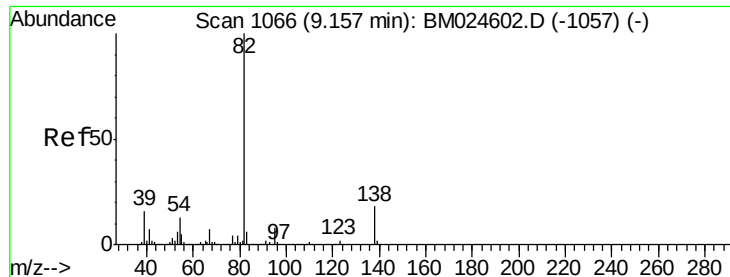


#24
 Nitrobenzene
 Concen: 41.471 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion: 77 Resp: 574212

Ion	Ratio	Lower	Upper
77	100		
123	48.5	34.6	52.0
65	13.0	11.0	16.4





#25

Isophorone

Concen: 42.842 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

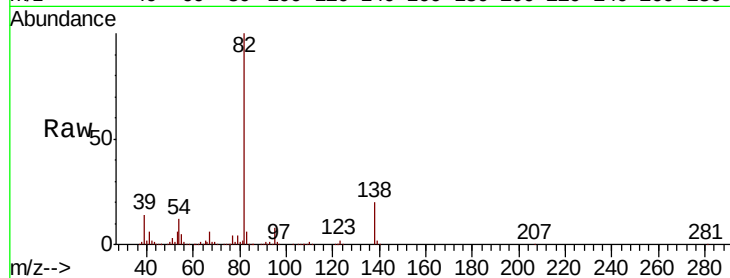
Tot Ion: 82 Resp: 1051787

Ion Ratio Lower Upper

82 100

95 8.0 6.7 10.1

138 20.5 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024602.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024602.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024602.D (-1057) (-)

9.13

800000

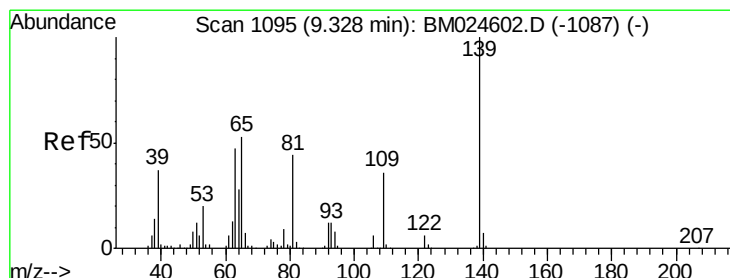
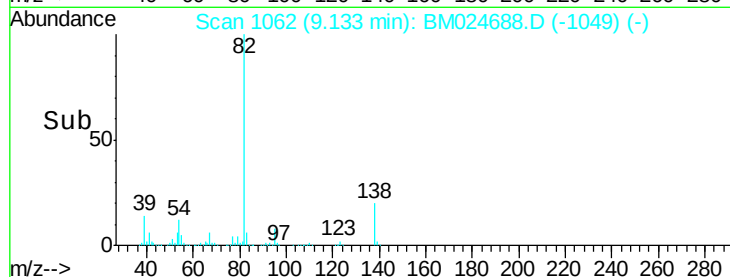
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 51.642 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

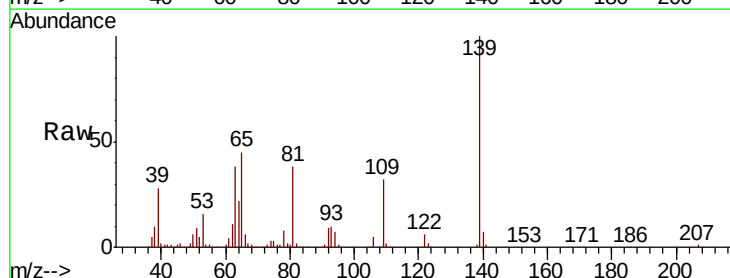
Tgt Ion: 139 Resp: 331096

Ion Ratio Lower Upper

139 100

109 31.7 28.8 43.2

65 44.9 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024602.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024602.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024602.D (-1087) (-)

9.31

250000

200000

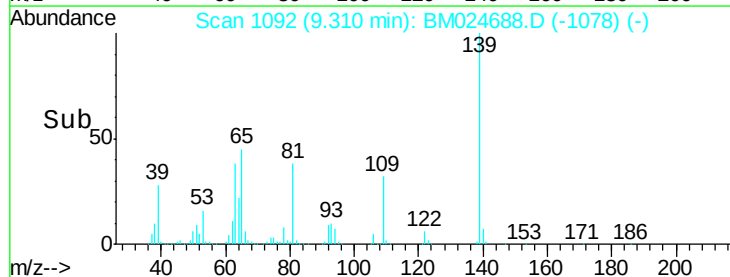
150000

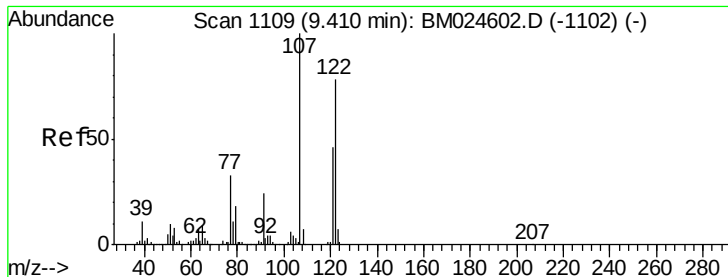
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 58.492 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BM024688.D

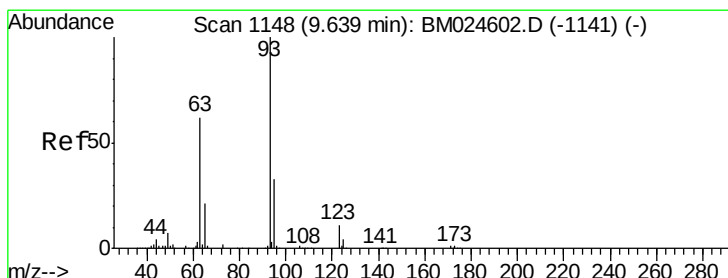
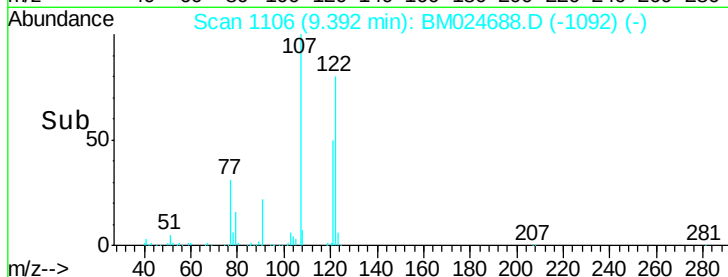
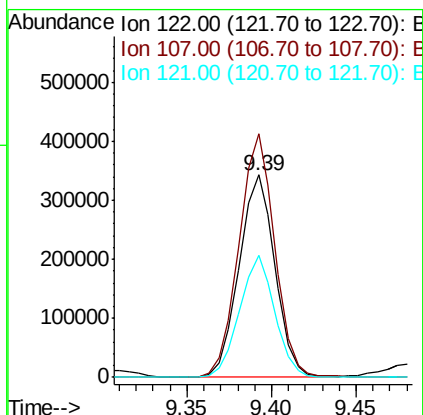
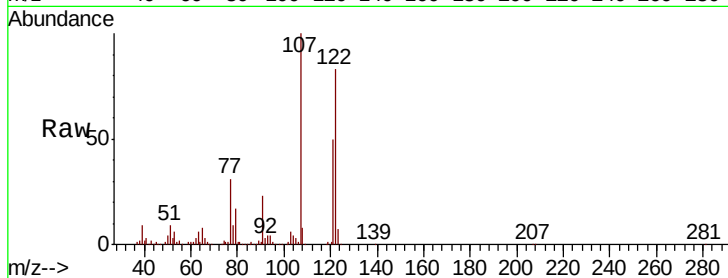
Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampled :

Tot Ion:	122	Resp:	509607
Ion	Ratio	Lower	Upper
122	100		
107	120.2	102.5	153.7
121	60.4	47.0	70.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.755 ng

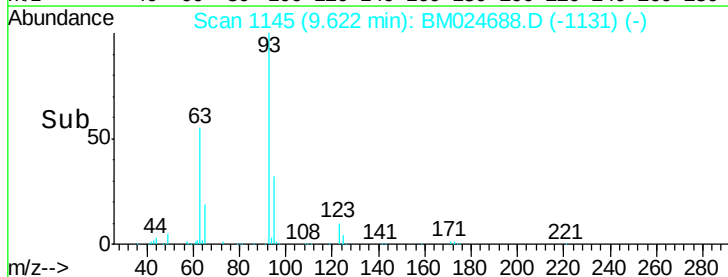
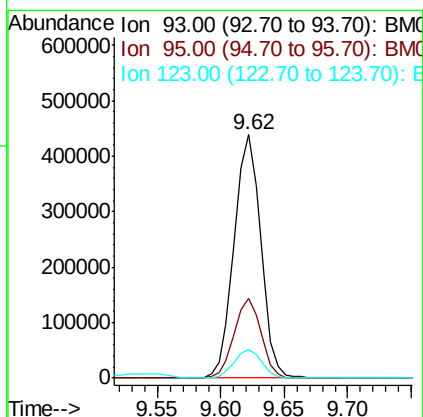
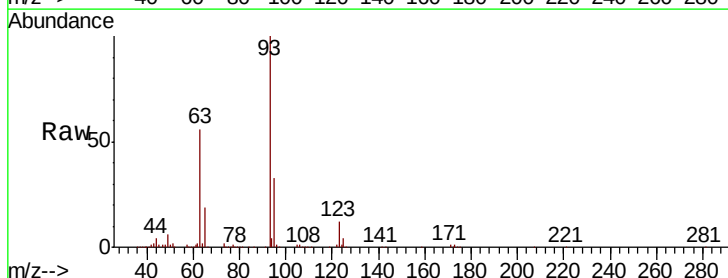
RT: 9.62 min Scan# 1145

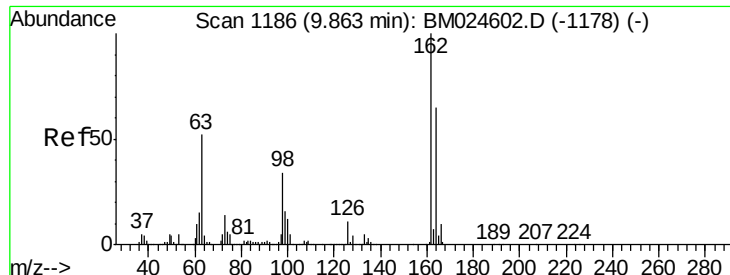
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	93	Resp:	641215
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.8	8.7	13.1

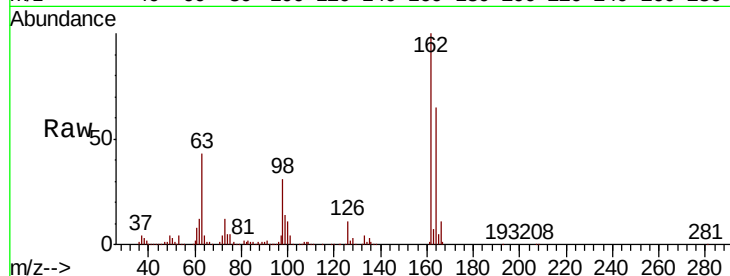




#29
2,4-Dichlorophenol
Concen: 53.217 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.5	84.5
98	30.9	14.2	54.2

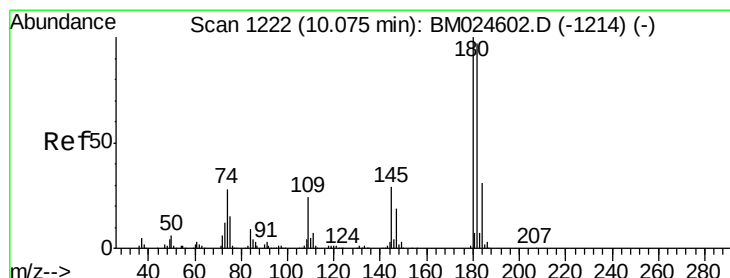
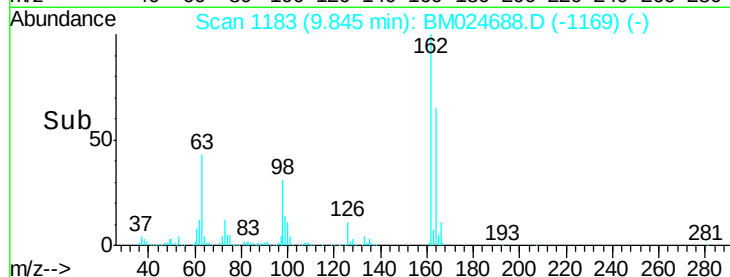
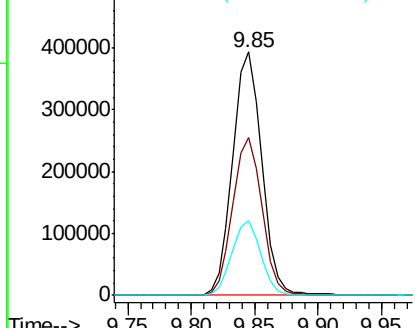


Abundance

Ion 162.00 (161.70 to 162.70): E

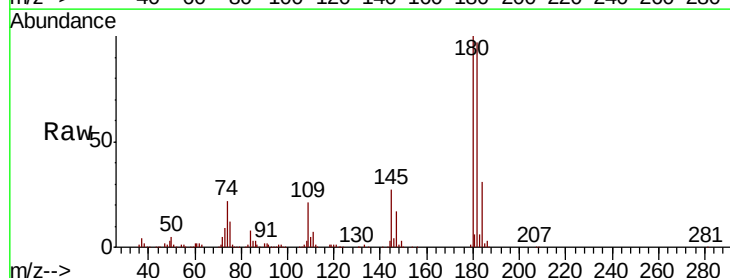
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 48.807 ng
RT: 10.05 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.6
145	27.1	22.9	34.3

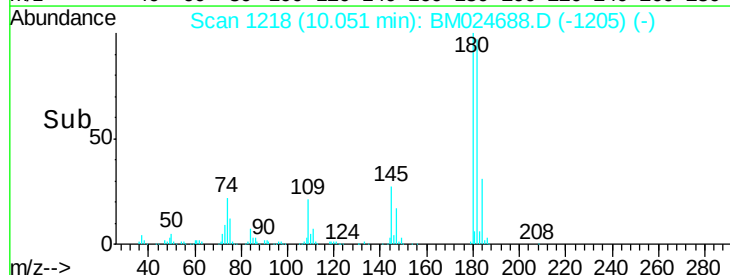
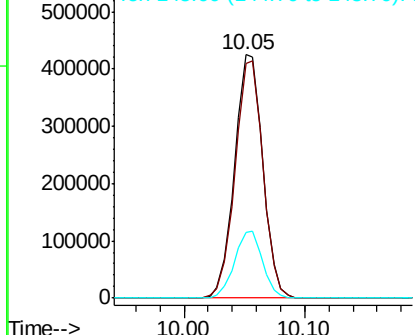


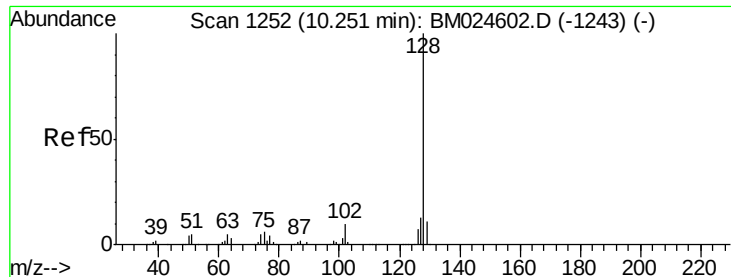
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

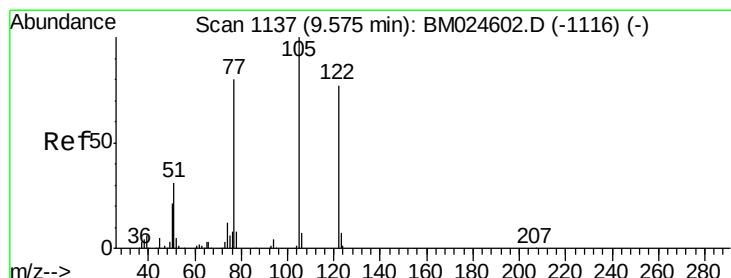
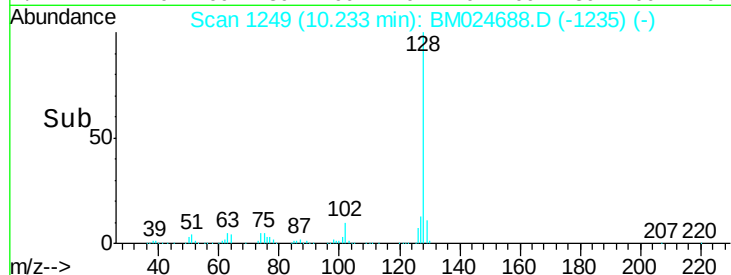
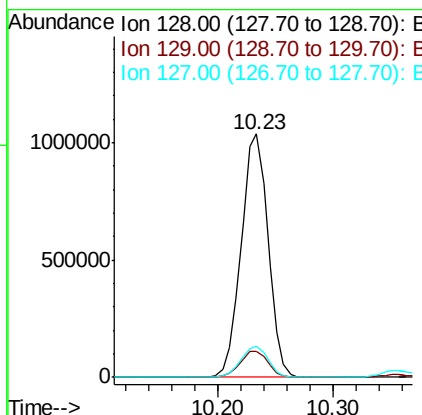
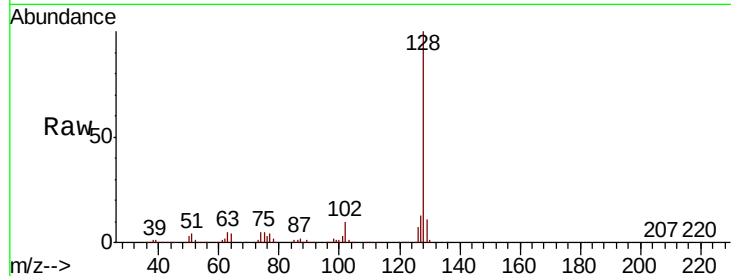




#31
Naphthalene
Concen: 46.919 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

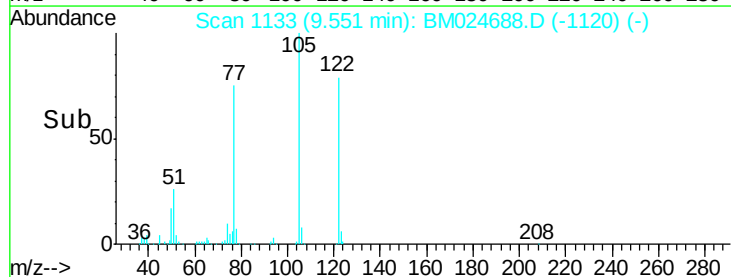
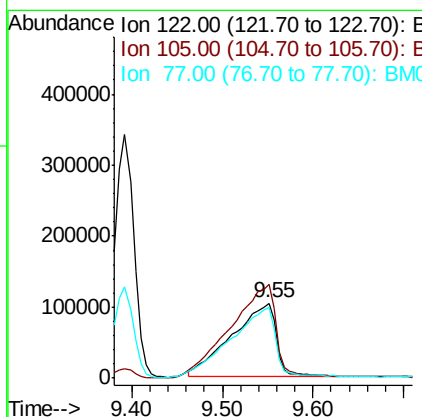
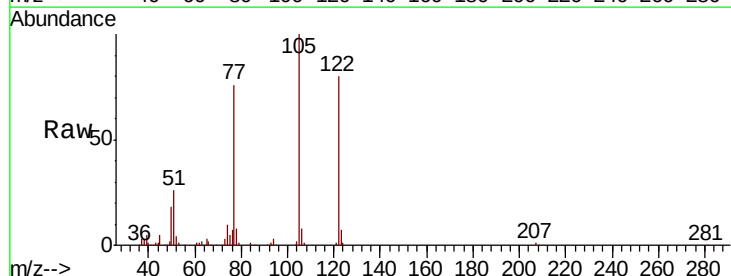
Instrument :
BNA_M
ClientSampled :

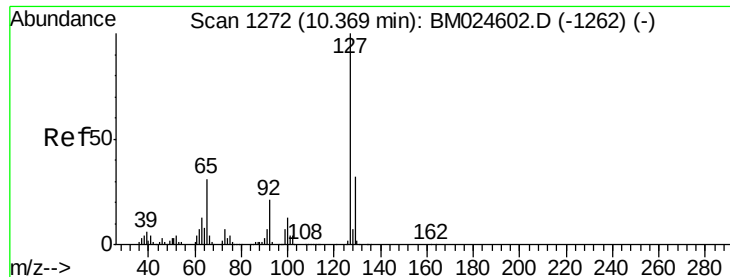
Tot Ion:128 Resp: 1679172
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 43.652 ng
RT: 9.55 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:122 Resp: 347900
Ion Ratio Lower Upper
122 100
105 125.1 107.7 147.7
77 94.8 83.8 123.8

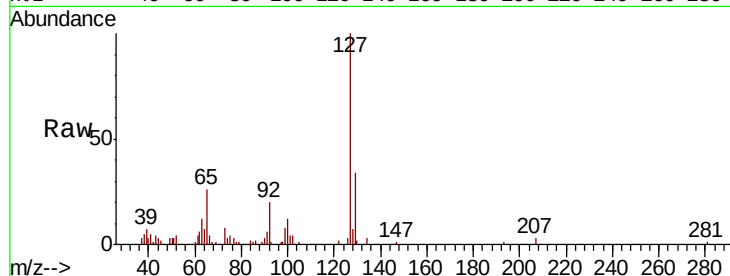




#33
4-Chloroaniline
Concen: 4.109 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	64466
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	25.8	25.1	37.7
92	20.0	16.6	25.0



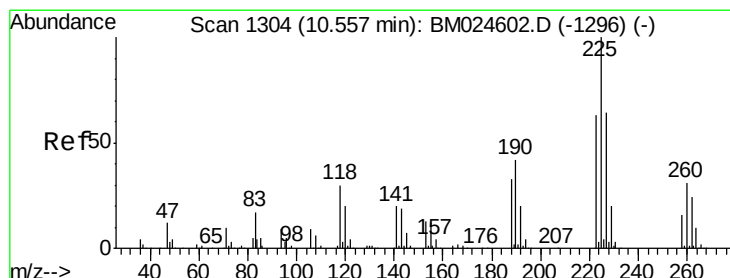
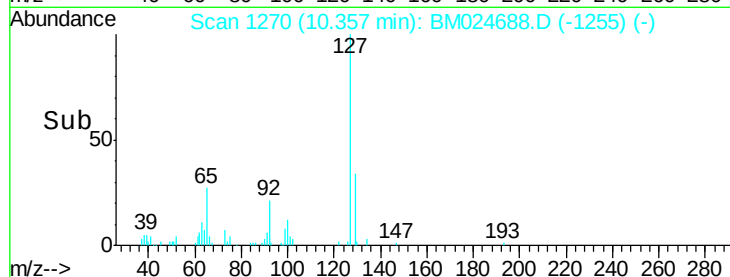
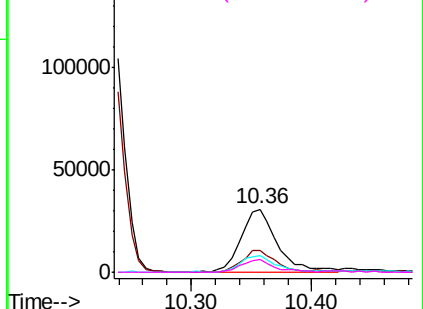
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

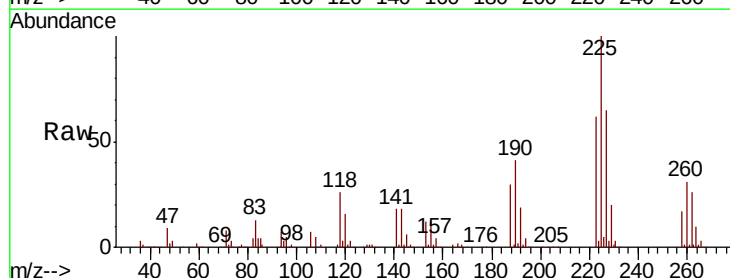
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.497 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:	225	Resp:	456303
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.7	76.1
227	64.8	51.4	77.0

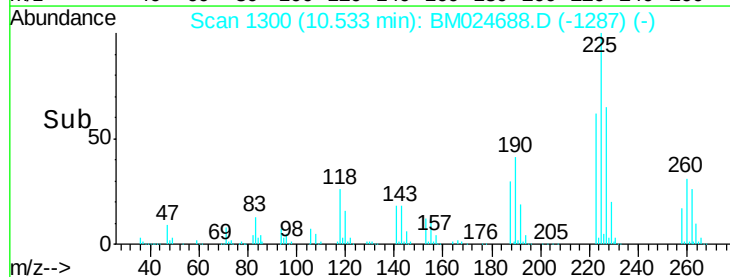
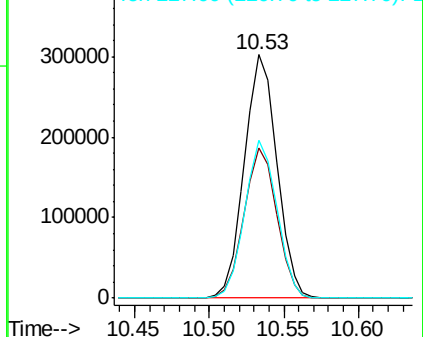


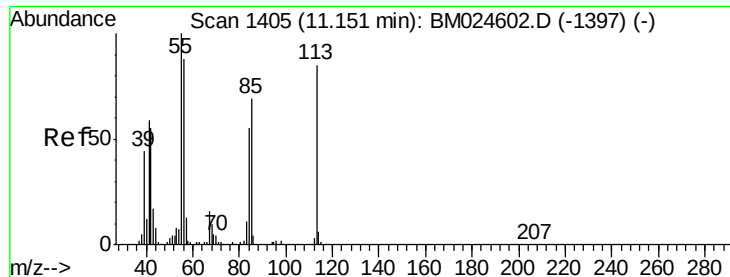
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.340 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampled :

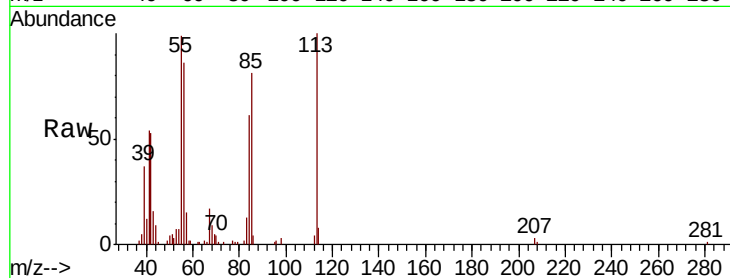
Tot Ion:113 Resp: 76812

Ion Ratio Lower Upper

113 100

55 99.2 97.5 137.5

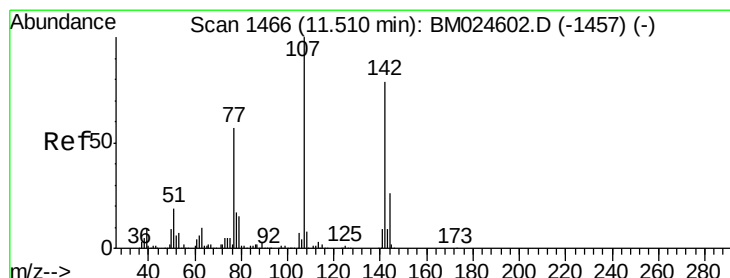
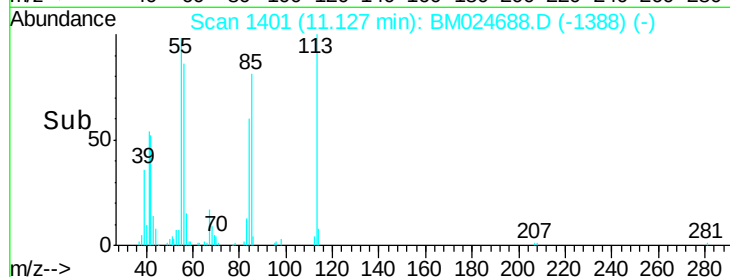
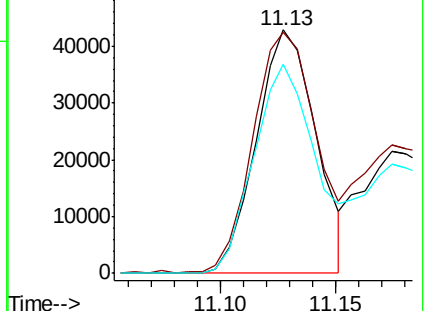
56 85.7 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.088 ng

RT: 11.49 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

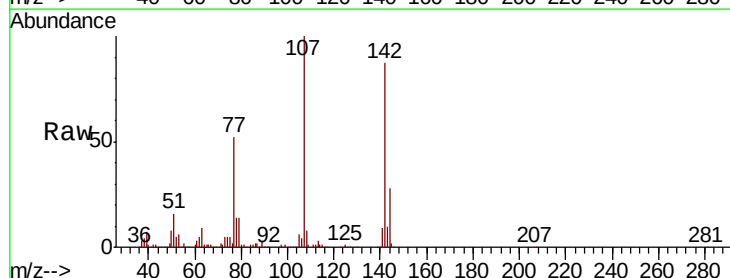
Tgt Ion:107 Resp: 589366

Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

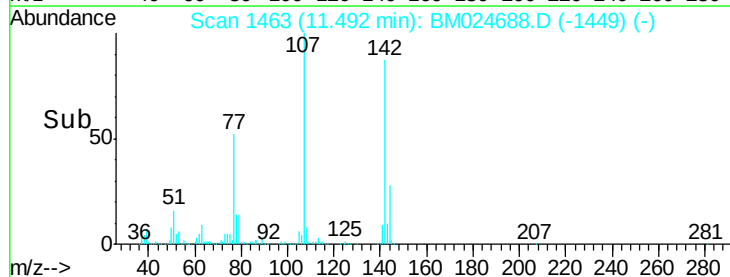
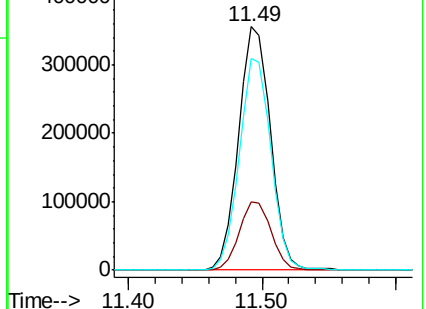
142 87.2 62.8 94.2

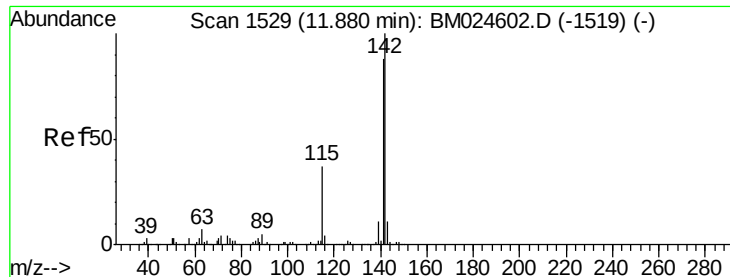


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

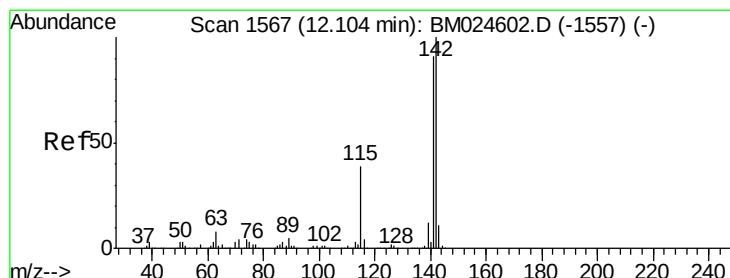
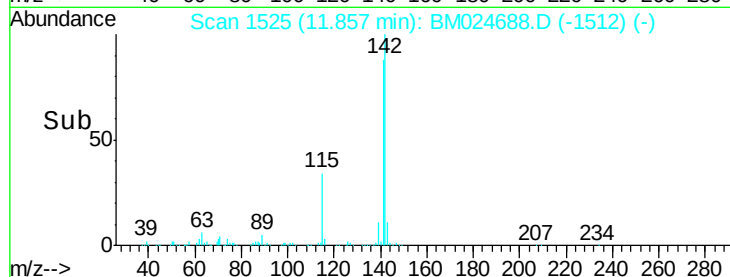
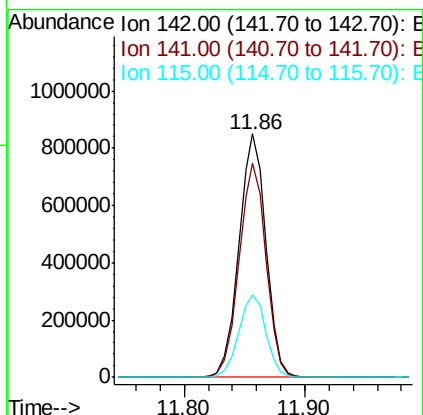
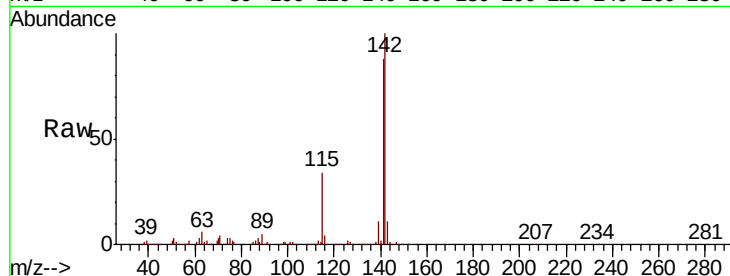




#37
2-Methylnaphthalene
Concen: 47.927 ng
RT: 11.86 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

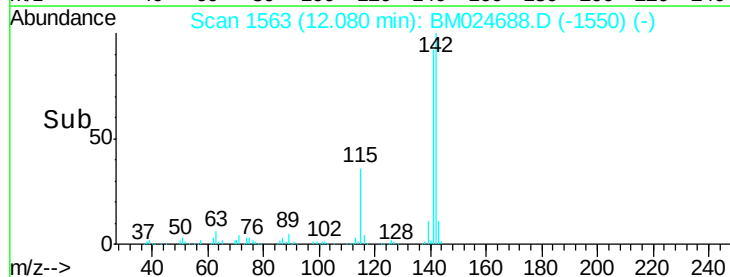
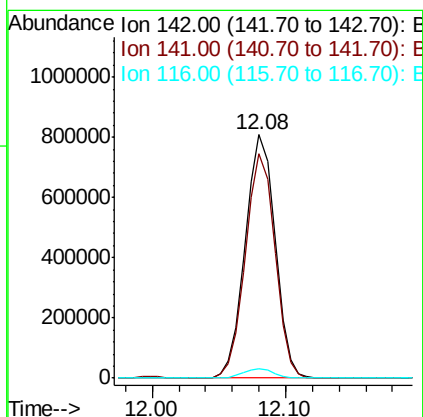
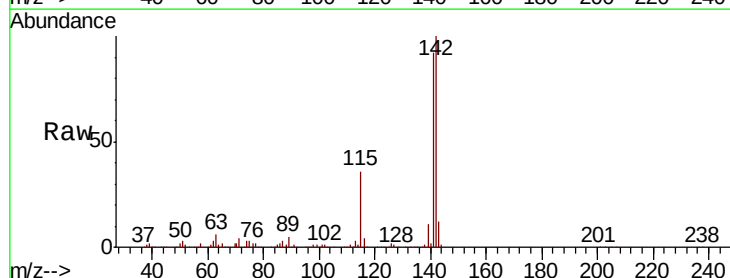
Instrument :
BNA_M
ClientSampleId :

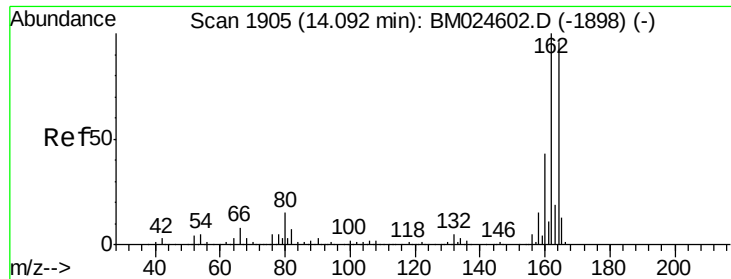
Tot Ion:142 Resp: 1323693
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 33.8 29.7 44.5



#38
1-Methylnaphthalene
Concen: 47.485 ng
RT: 12.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:142 Resp: 1247519
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

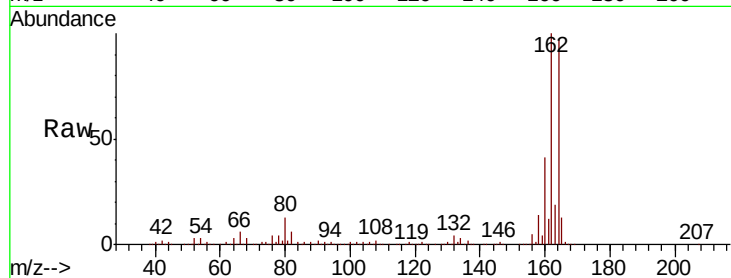
Tot Ion:164 Resp: 488184

Ion Ratio Lower Upper

164 100

162 102.7 82.9 124.3

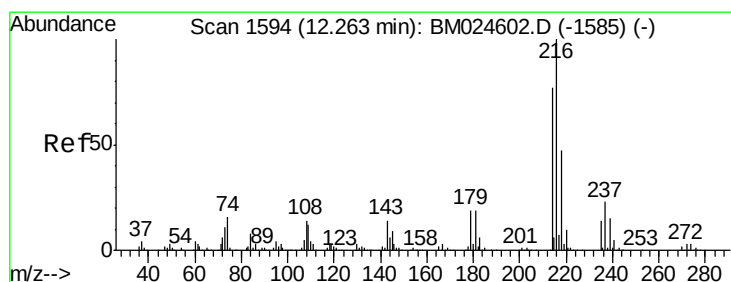
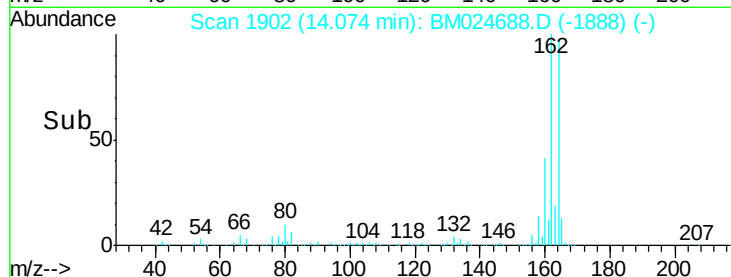
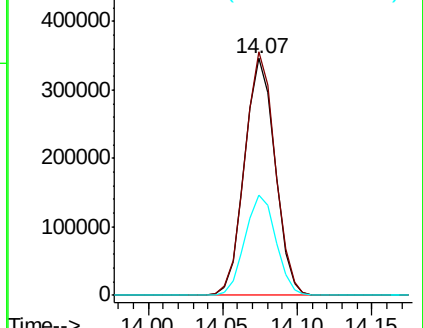
160 42.0 35.5 53.3



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: 46.929 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:216 Resp: 817652

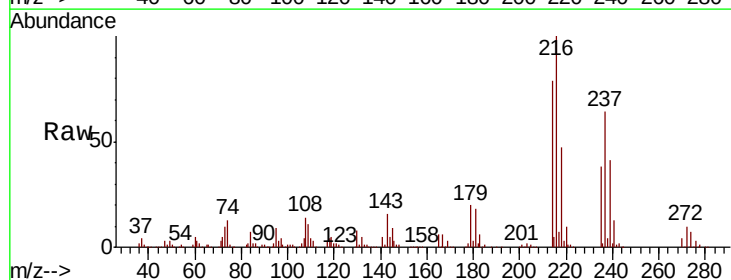
Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 19.7 16.1 24.1

108 15.0 13.0 19.6

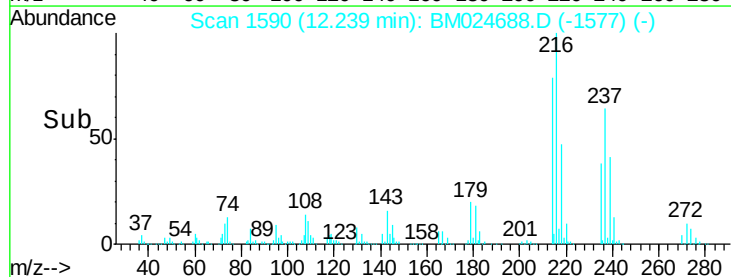
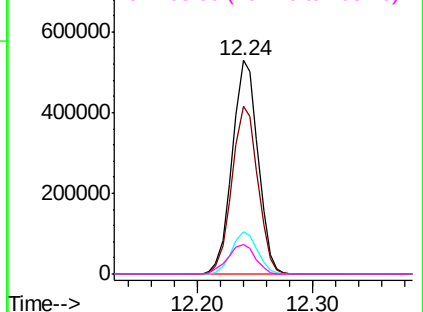


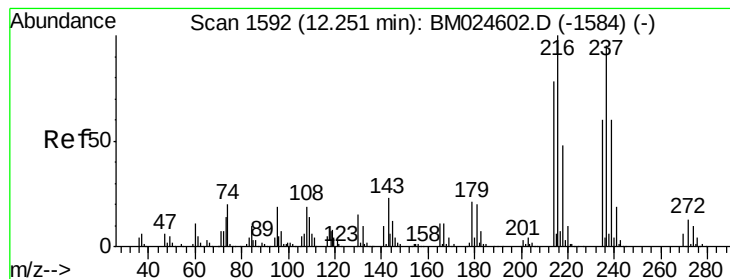
Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.898 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

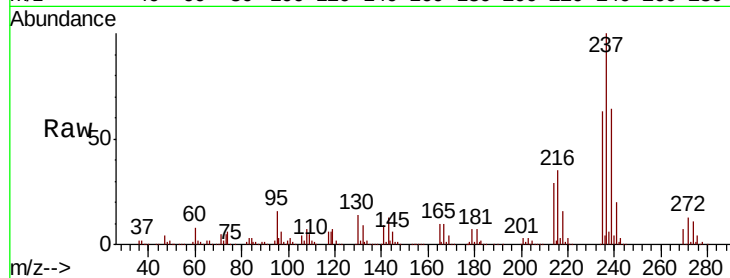
Tot Ion:237 Resp: 907250

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

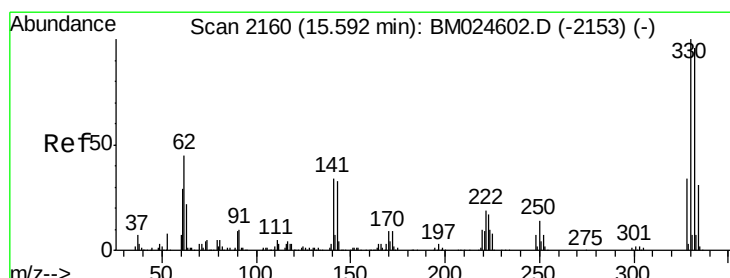
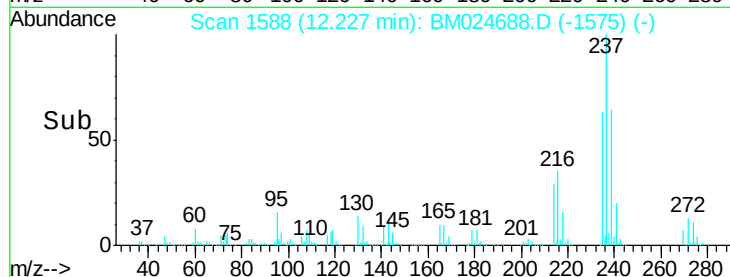
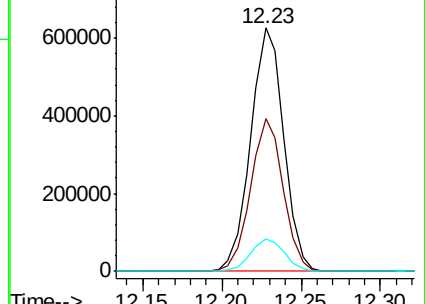
272 13.2 0.0 33.4



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: 153.377 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

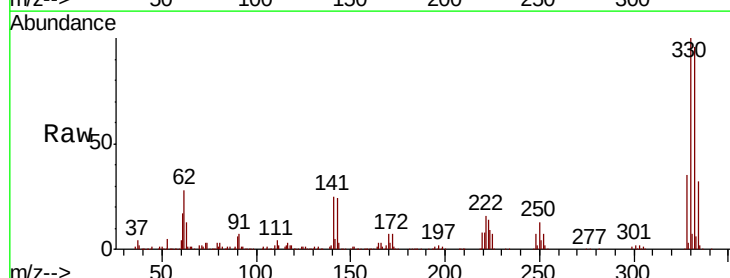
Tgt Ion:330 Resp: 1217973

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

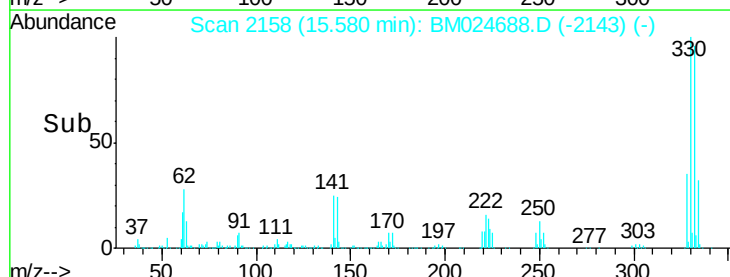
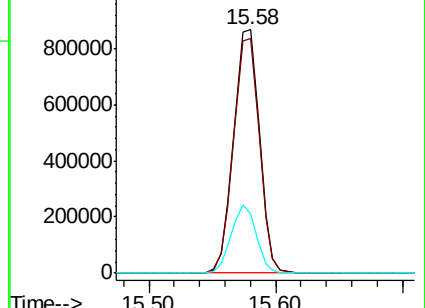
141 27.2 26.9 40.3

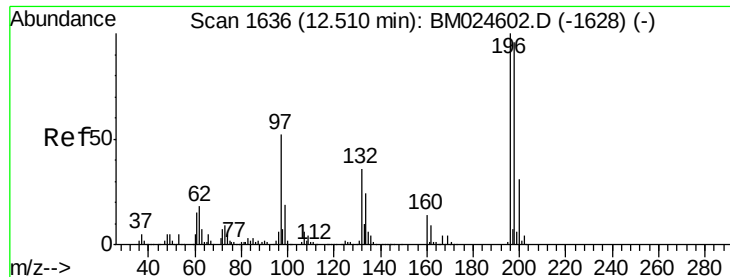


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

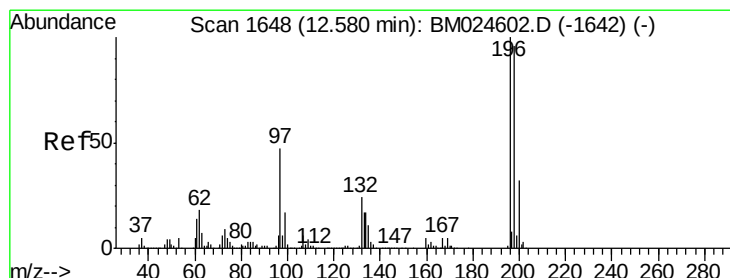
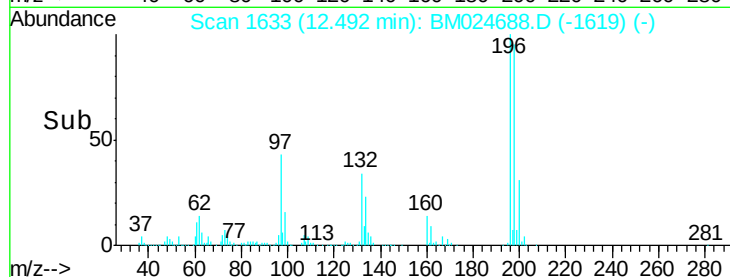
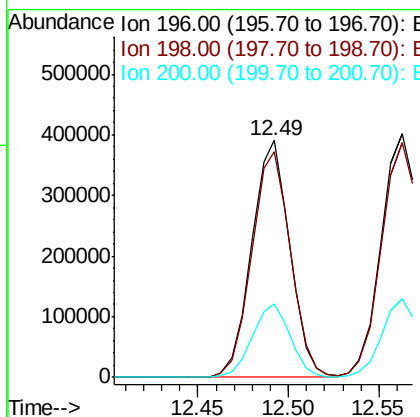
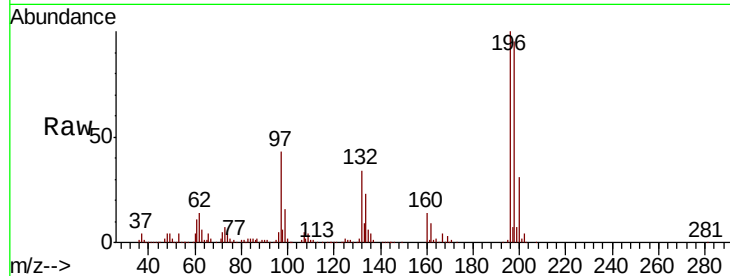




#43
 2,4,6-Trichlorophenol
 Concen: 51.350 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

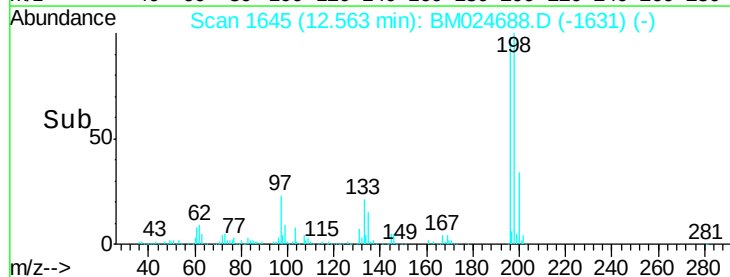
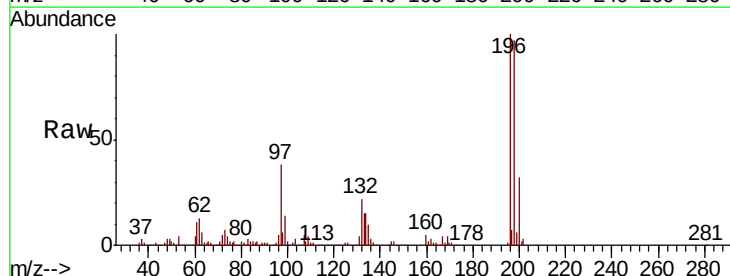
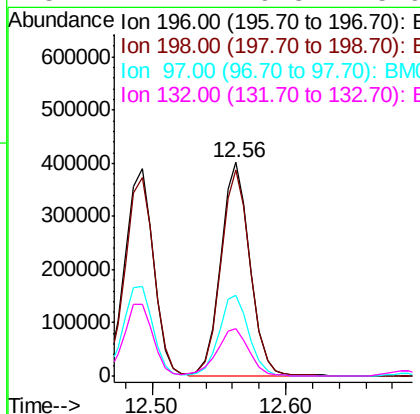
Instrument :
 BNA_M
 ClientSampleId :

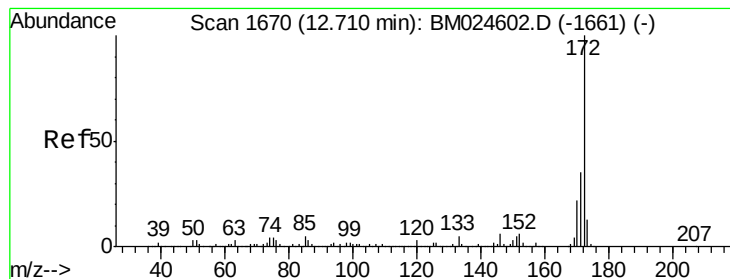
Tot Ion:196 Resp: 569339
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.5 114.7
 200 31.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 54.154 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion:196 Resp: 613203
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.2 115.8
 97 38.0 37.4 56.0
 132 22.2 19.3 28.9



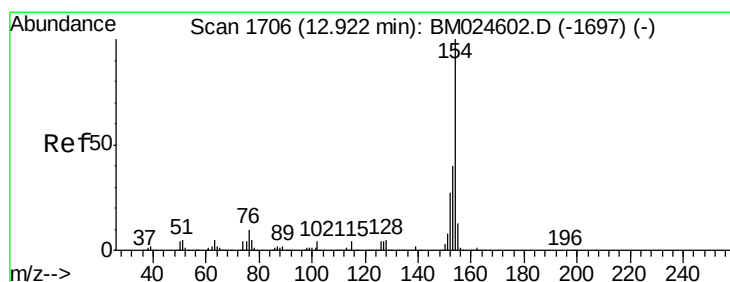
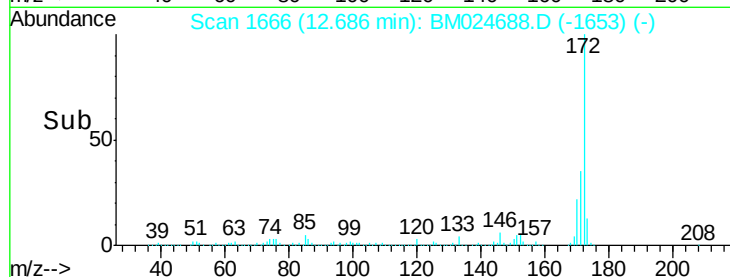
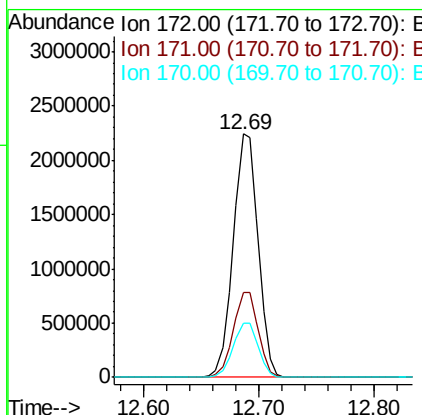
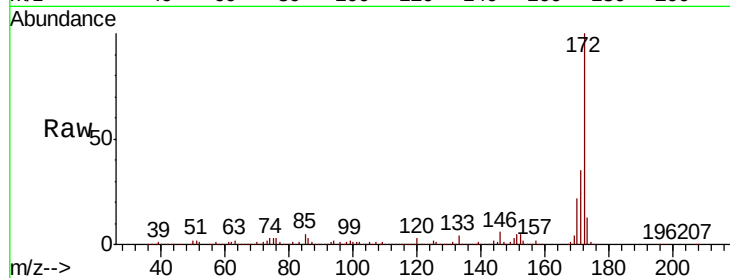


#45
 2-Fluorobiphenyl
 Concen: 93.093 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3342889

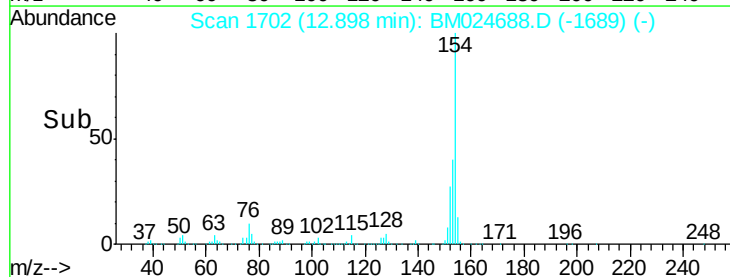
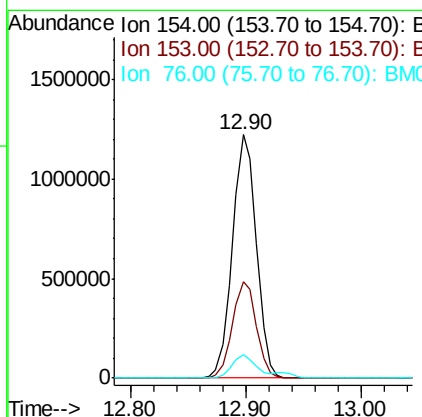
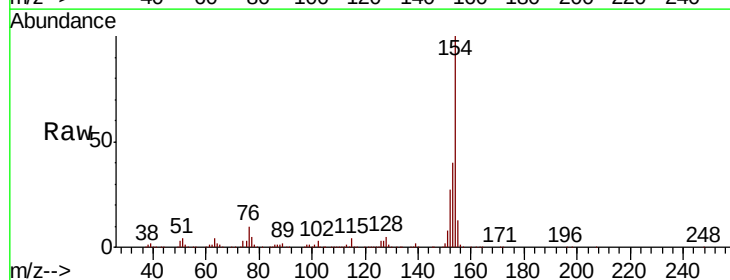
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.3	17.9	26.9

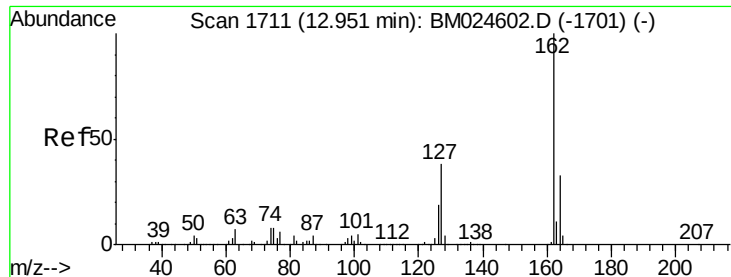


#46
 1,1'-Biphenyl
 Concen: 47.310 ng
 RT: 12.90 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion:154 Resp: 1747863

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.6	0.0	30.5

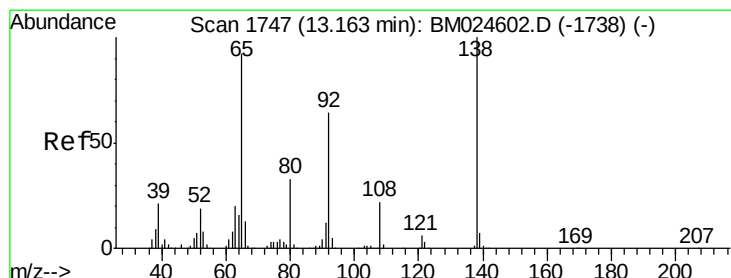
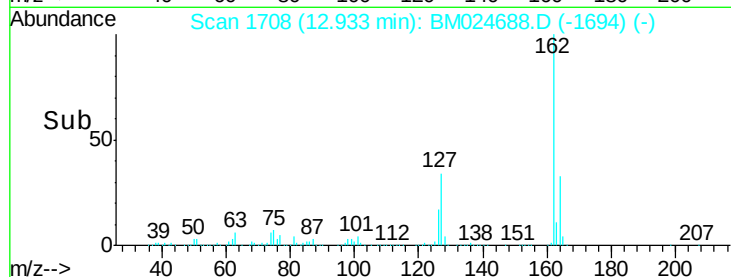
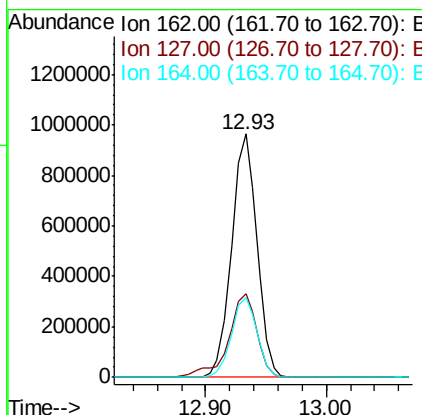
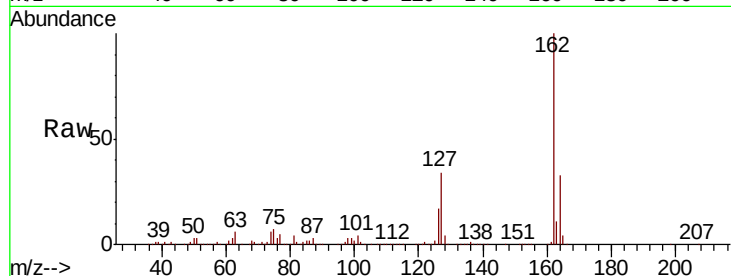




#47
2-Chloronaphthalene
Concen: 47.350 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

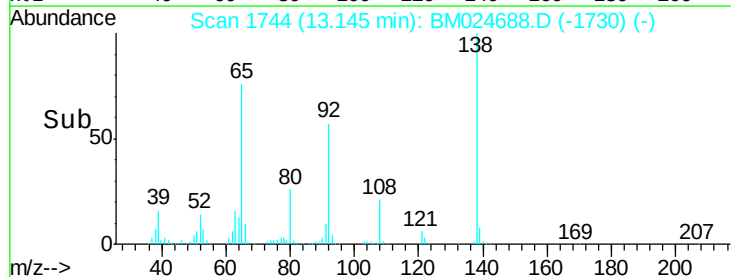
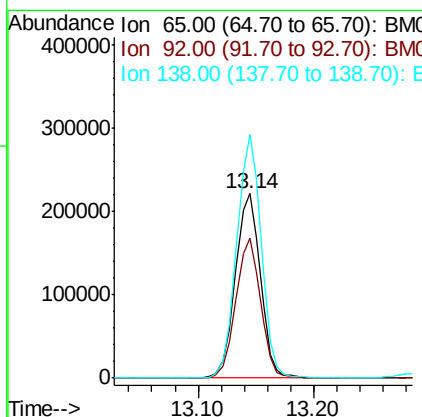
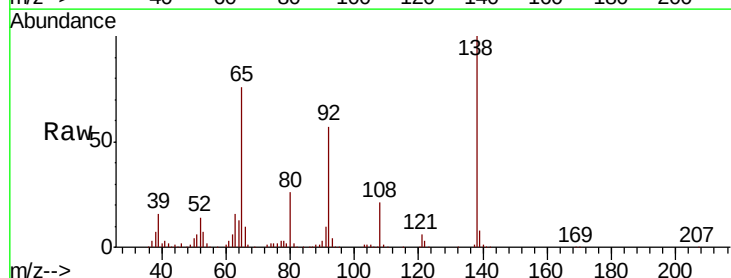
Instrument :
BNA_M
ClientSampleId :

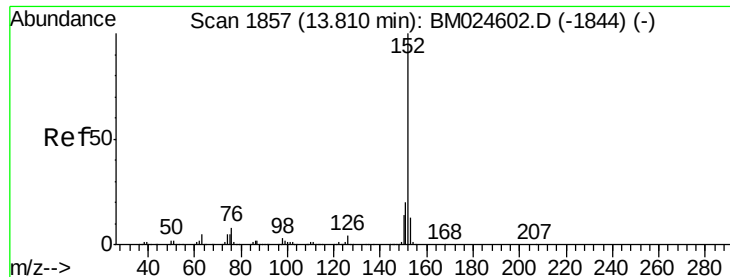
Tot Ion:162 Resp: 1412242
Ion Ratio Lower Upper
162 100
127 34.4 30.4 45.6
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 36.788 ng
RT: 13.14 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion: 65 Resp: 334644
Ion Ratio Lower Upper
65 100
92 75.6 55.4 83.2
138 131.9 86.6 129.8#





#49

Acenaphthylene

Concen: 49.403 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

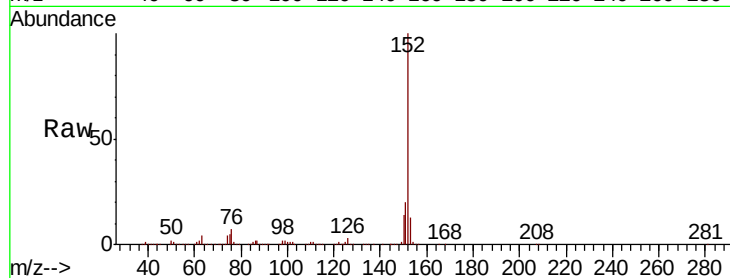
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2205777

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.9	10.4	15.6

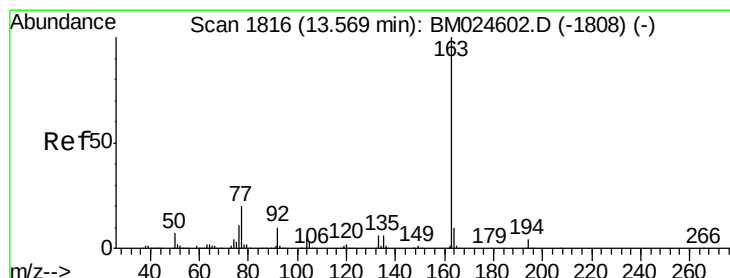
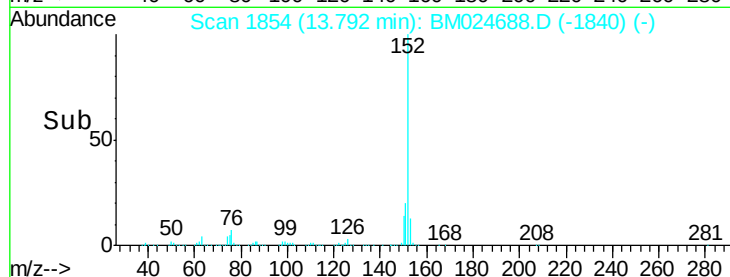
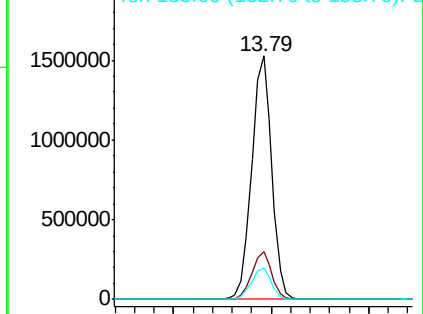


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.527 ng

RT: 13.55 min Scan# 1813

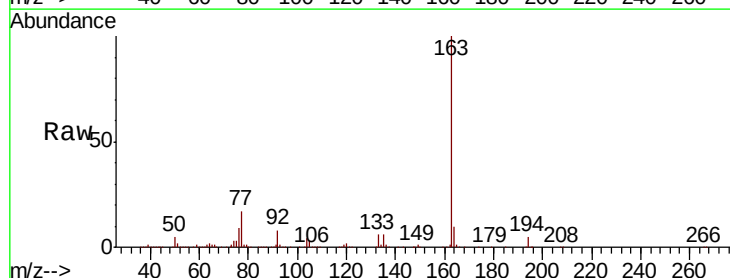
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:163 Resp: 1955130

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.0	8.0	12.0

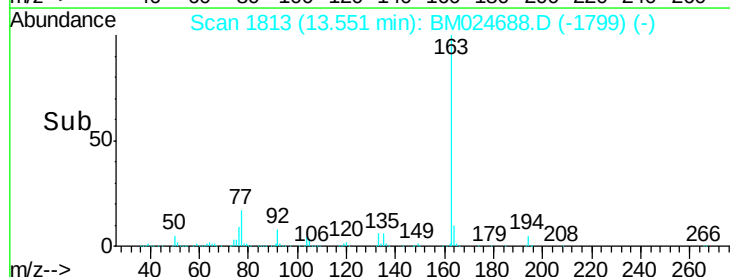
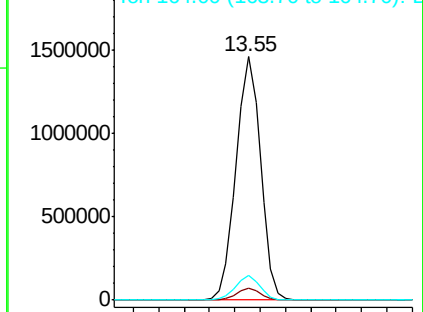


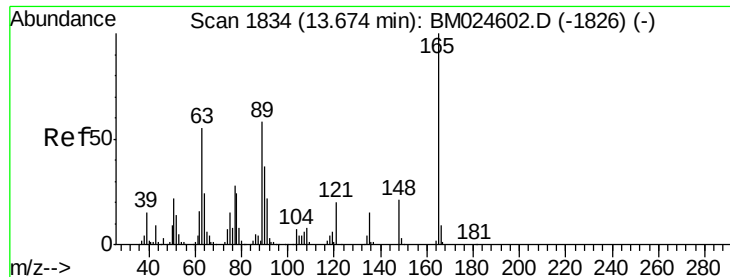
Abundance

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

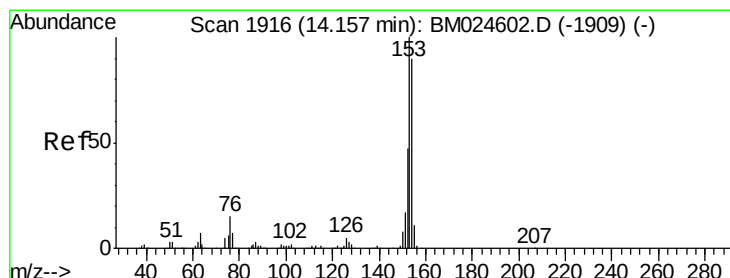
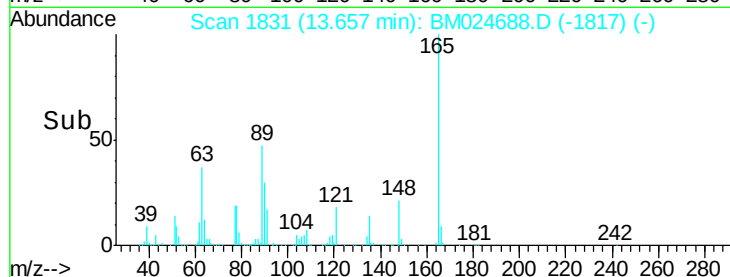
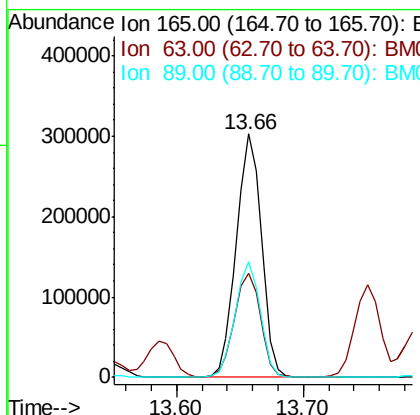
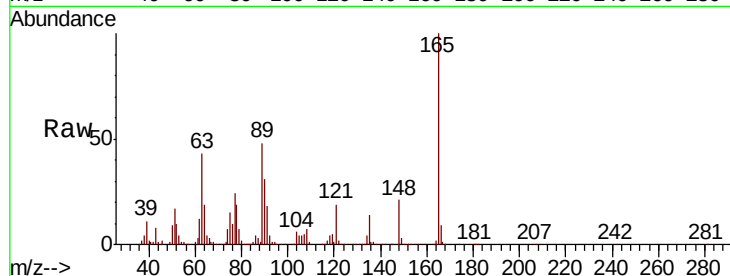




#51
 2,6-Dinitrotoluene
 Concen: 49.670 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

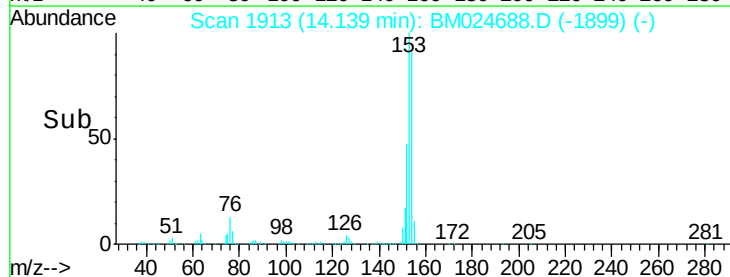
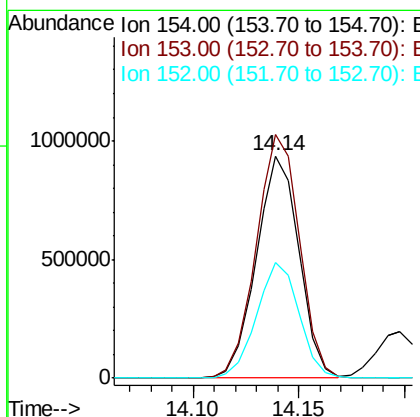
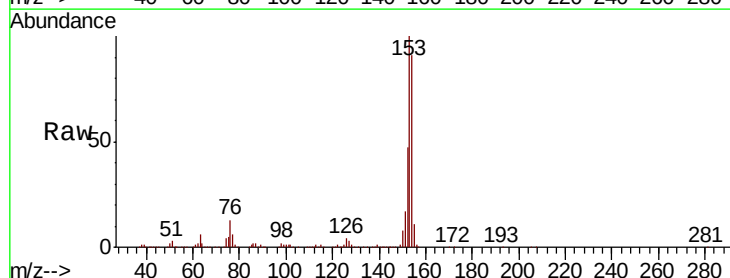
Instrument :
 BNA_M
 ClientSampleId :

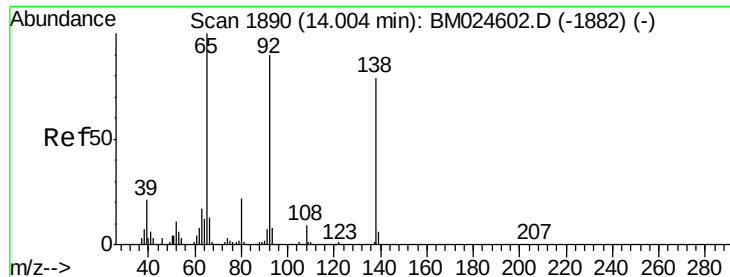
Tot Ion:165 Resp: 416869
 Ion Ratio Lower Upper
 165 100
 63 43.0 45.4 68.0#
 89 47.5 46.6 69.8



#52
 Acenaphthene
 Concen: 47.527 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion:154 Resp: 1316773
 Ion Ratio Lower Upper
 154 100
 153 109.6 89.1 133.7
 152 51.8 41.9 62.9





#53

3-Nitroaniline

Concen: 9.547 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

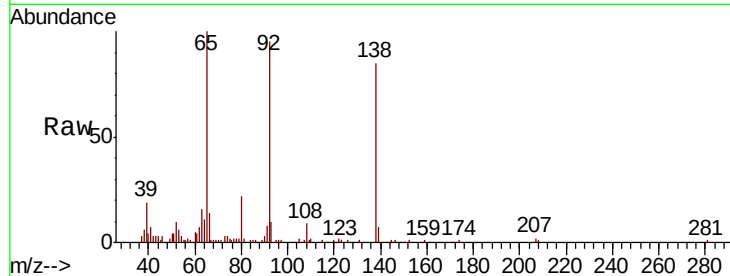
Tot Ion:138 Resp: 83106

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

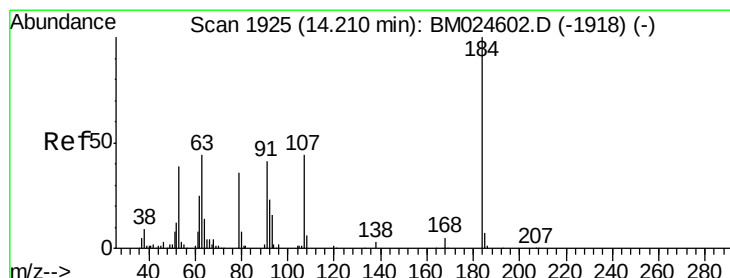
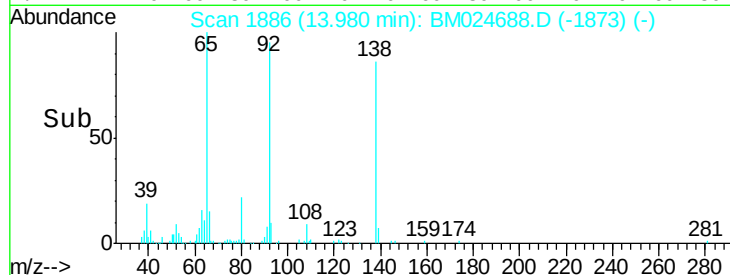
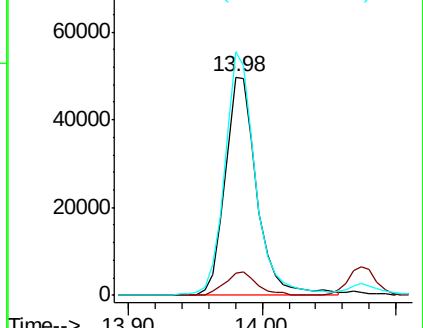
92 111.6 91.0 136.4



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: 94.124 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

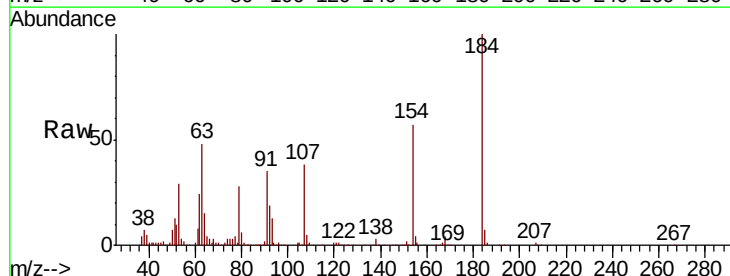
Tgt Ion:184 Resp: 472398

Ion Ratio Lower Upper

184 100

63 47.6 51.8 77.8#

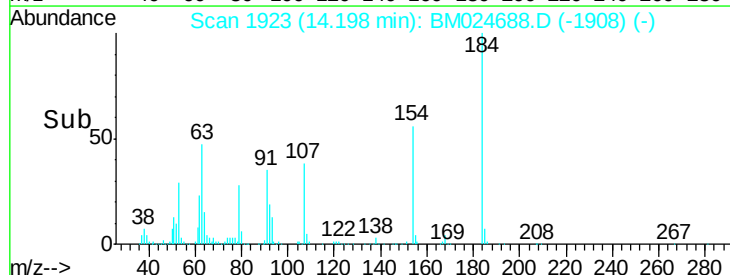
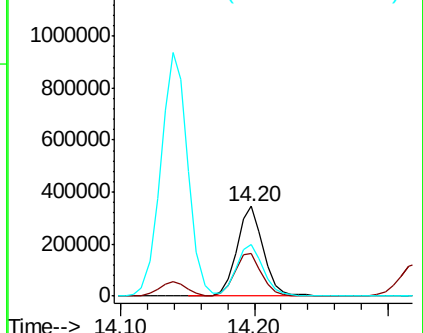
154 57.3 50.2 75.4

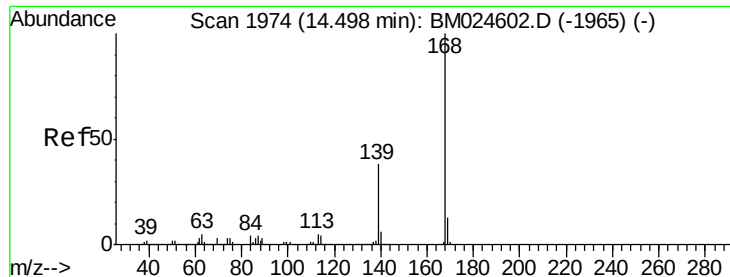


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

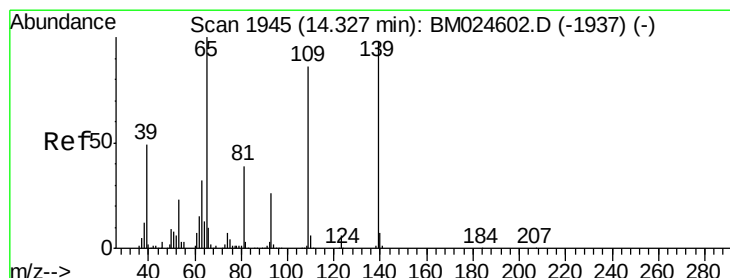
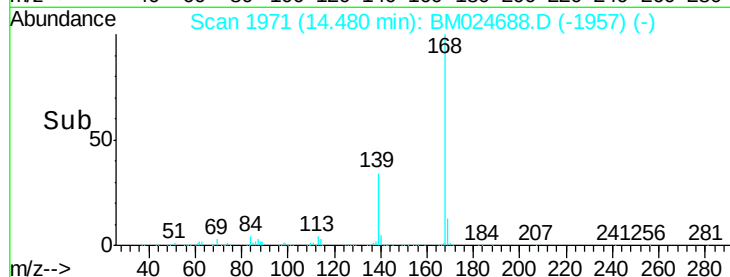
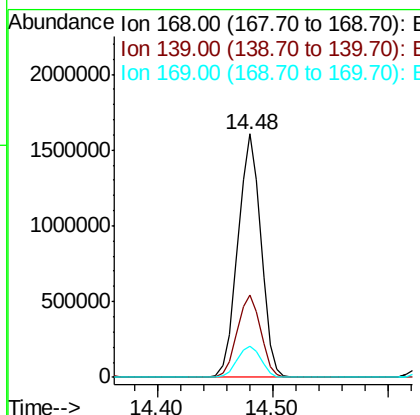
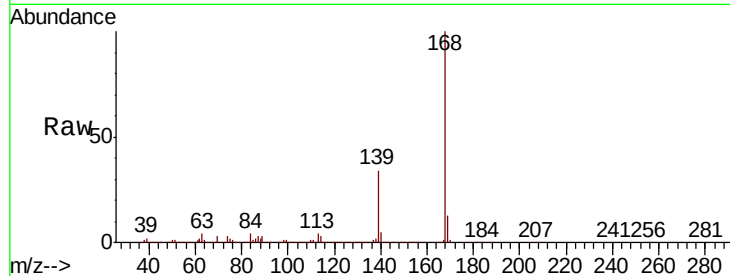




#55
Dibenzofuran
Concen: 49.255 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

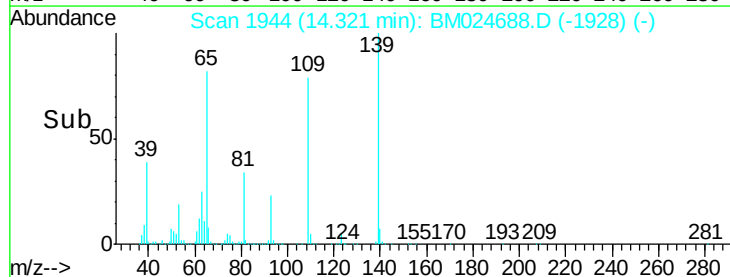
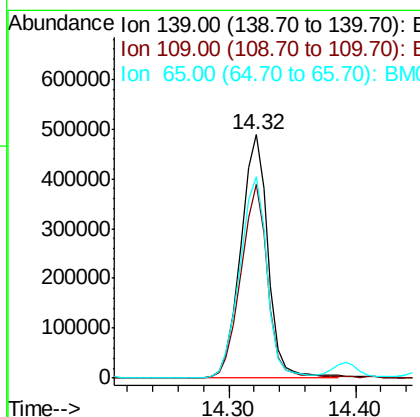
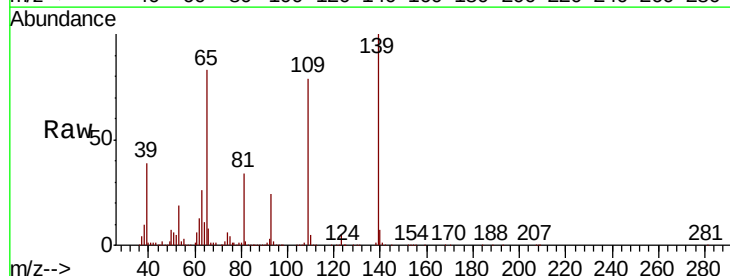
Instrument :
BNA_M
ClientSampleId :

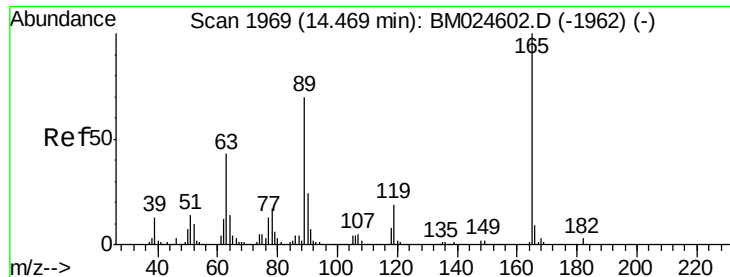
Tot Ion:168 Resp: 2225586
Ion Ratio Lower Upper
168 100
139 34.0 30.2 45.4
169 12.9 10.7 16.1



#56
4-Nitrophenol
Concen: 106.953 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:139 Resp: 727757
Ion Ratio Lower Upper
139 100
109 79.5 67.4 107.4
65 82.7 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 48.513 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024688.D

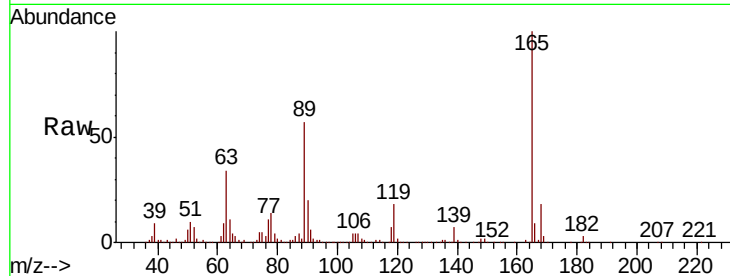
Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165	Resp:	583536
Ion	Ratio	Lower Upper
165	100	
63	33.8	34.5 51.7#
89	56.9	55.8 83.8
182	3.1	2.3 3.5

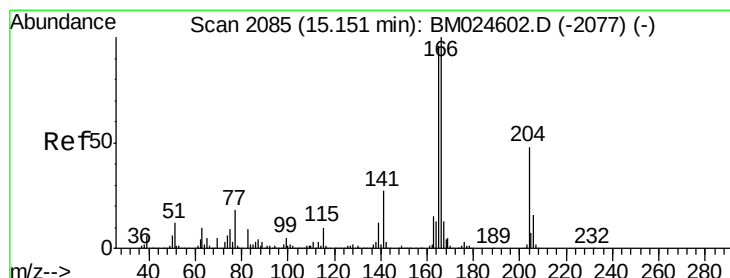
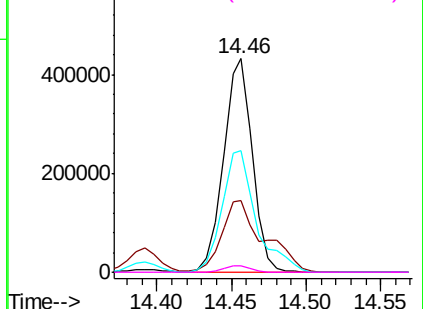
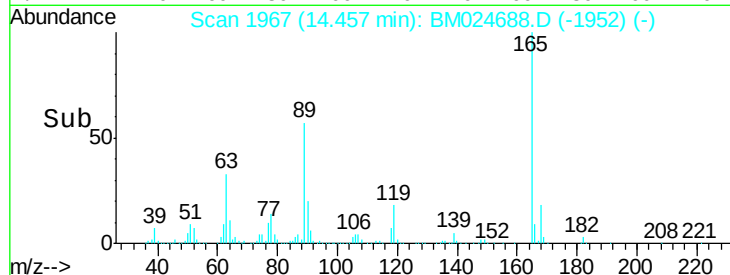


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.272 ng

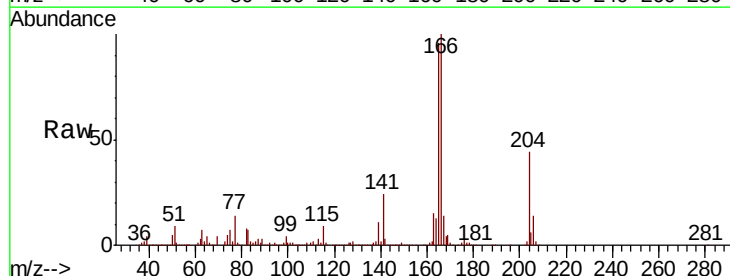
RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

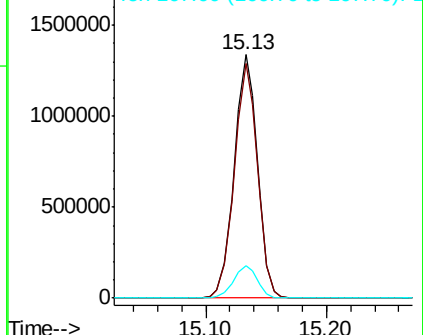
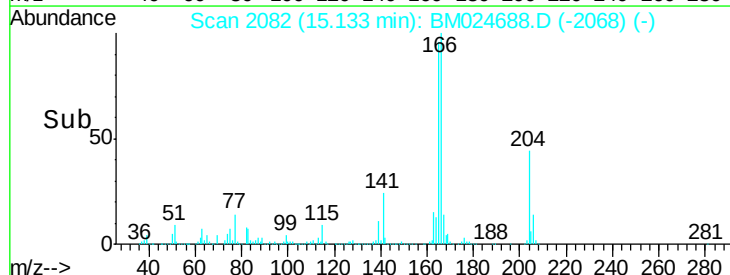
Tgt Ion:166	Resp:	1795038
Ion	Ratio	Lower Upper
166	100	
165	96.3	76.6 114.8
167	13.5	10.8 16.2

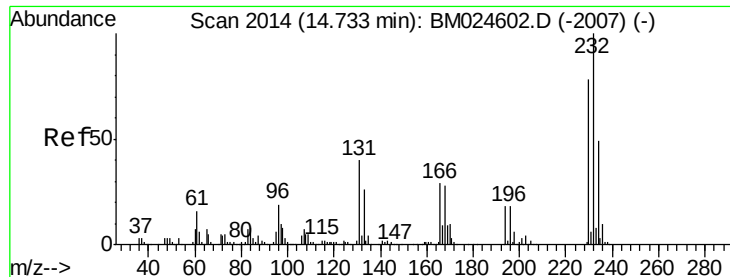


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

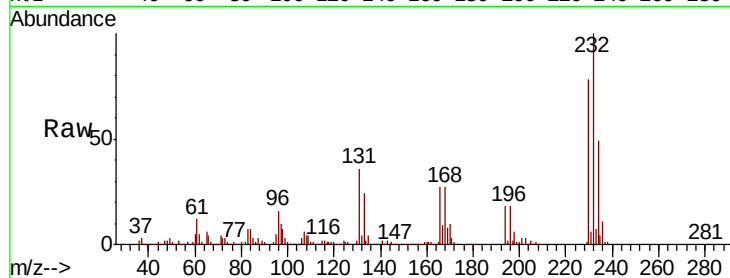




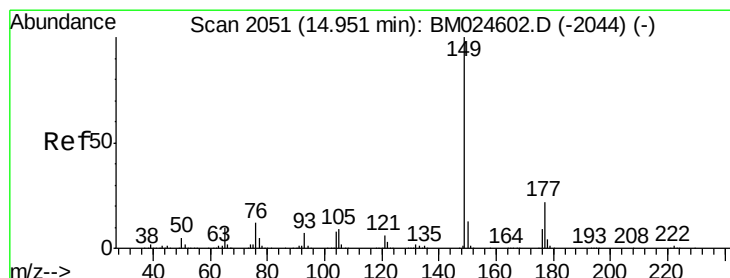
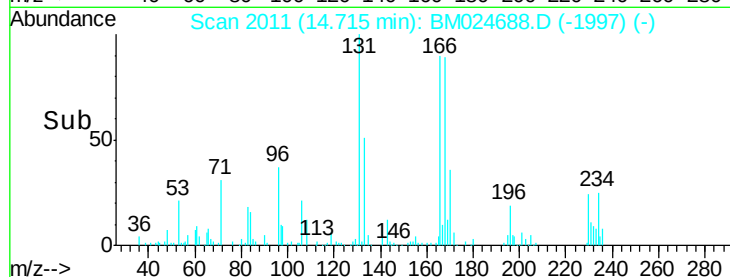
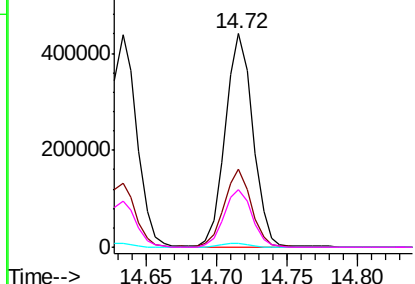
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.094 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 598196
Ion Ratio Lower Upper
232 100
131 35.6 32.2 48.4
130 1.9 1.9 2.9#
166 27.4 23.4 35.0

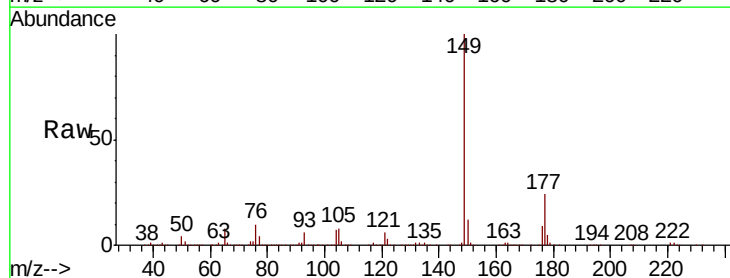


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

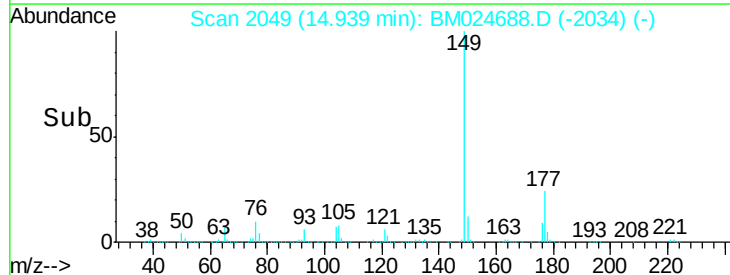
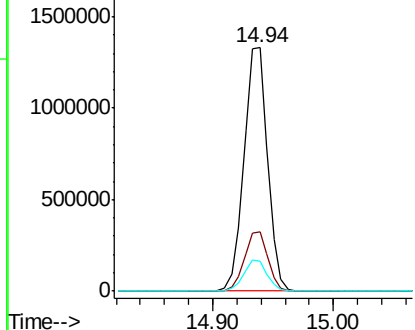


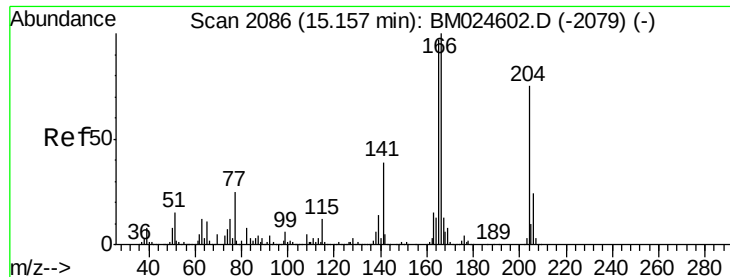
#60
Diethylphthalate
Concen: 45.344 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:149 Resp: 1817225
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 12.4 10.2 15.4



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

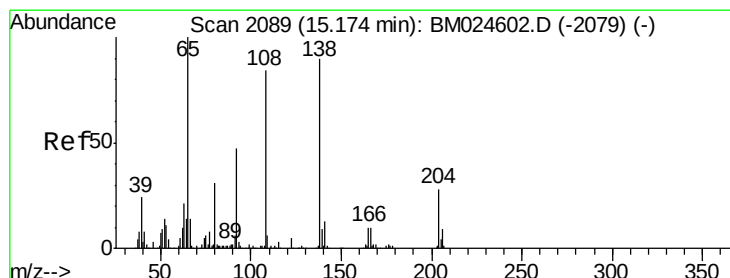
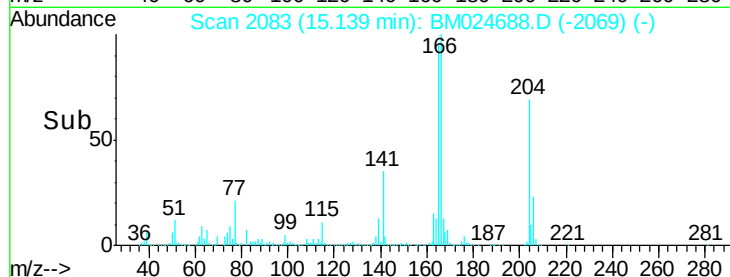
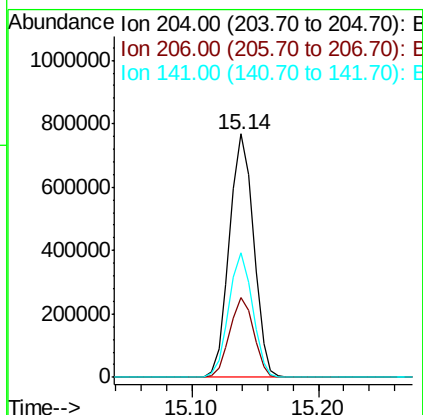
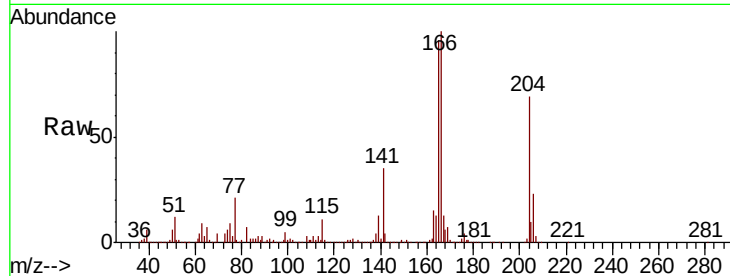




#61
4-Chlorophenyl-phenylether
Concen: 46.296 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

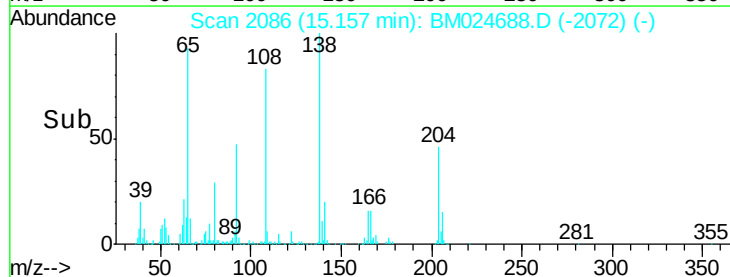
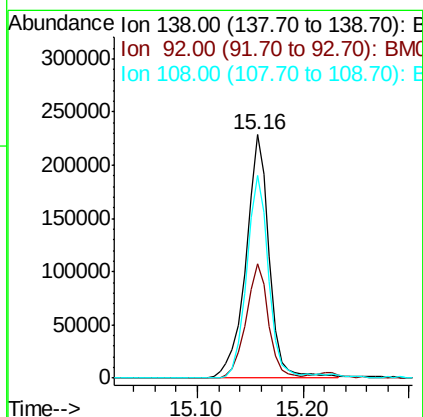
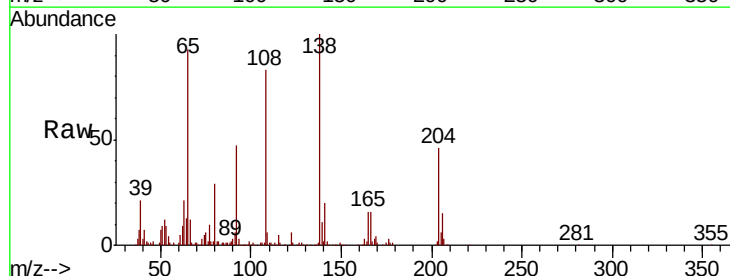
Instrument :
BNA_M
ClientSampleId :

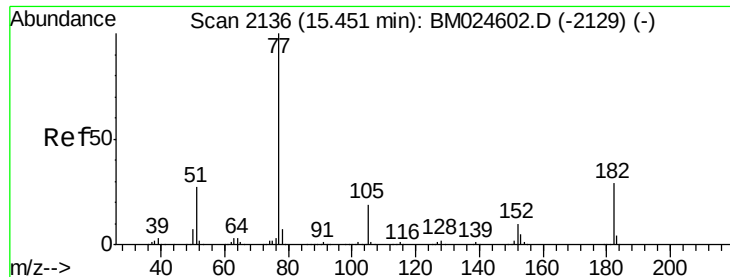
Tot Ion:204 Resp: 1013513
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 51.3 42.2 63.2



#62
4-Nitroaniline
Concen: 36.566 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:138 Resp: 351349
Ion Ratio Lower Upper
138 100
92 47.1 32.4 72.4
108 83.5 73.3 113.3





#63

Azobenzene

Concen: 40.966 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

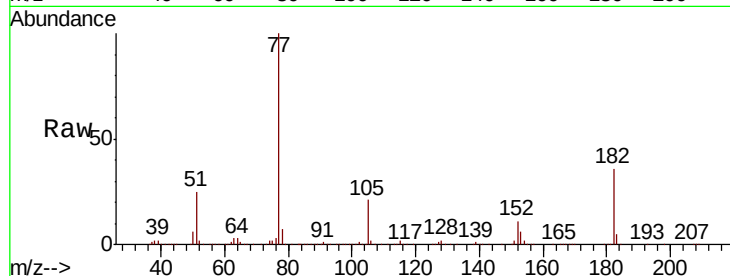
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1400414

Ion	Ratio	Lower	Upper
77	100		
182	35.6	8.7	48.7
105	21.1	0.0	39.2
51	25.2	7.5	47.5

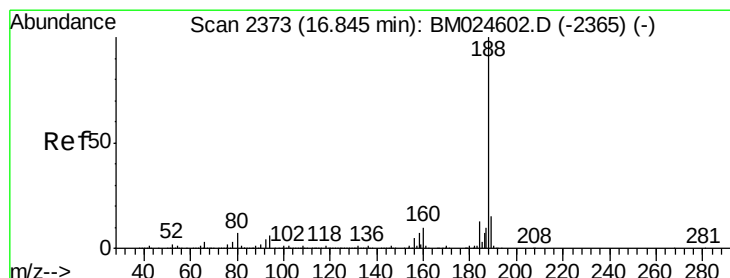
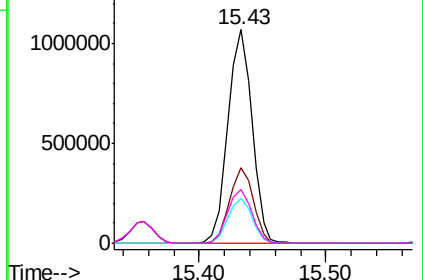
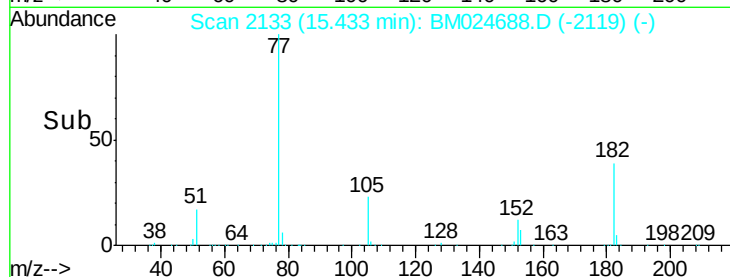


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

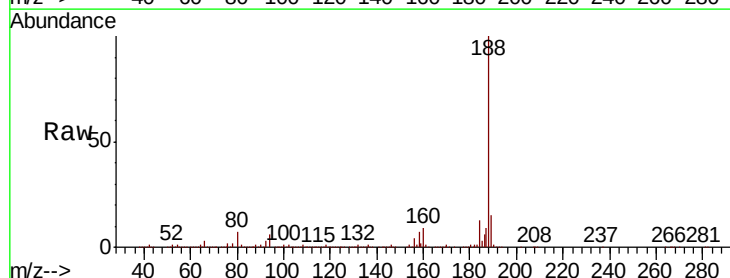
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion: 188 Resp: 1140273

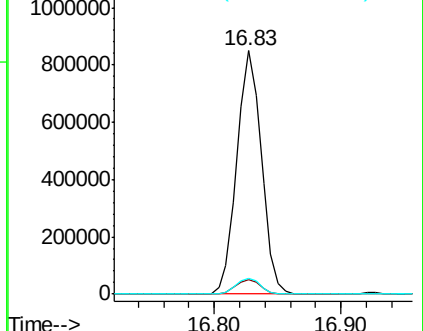
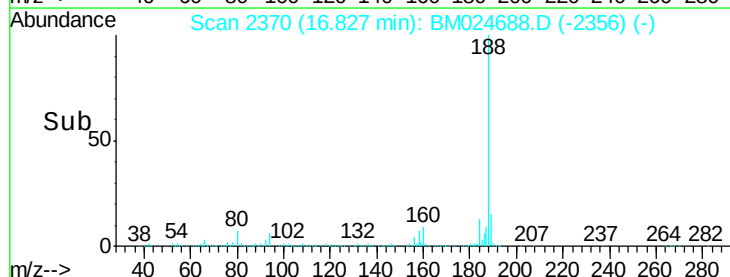
Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.6
80	6.5	5.8	8.8

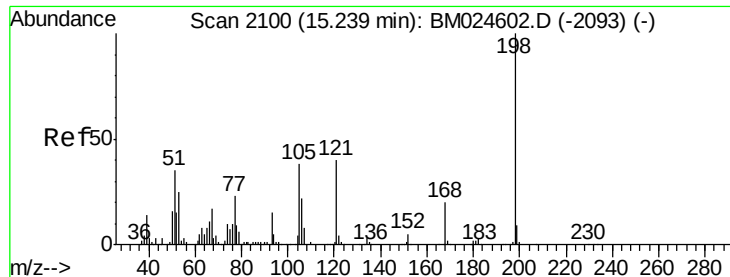


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

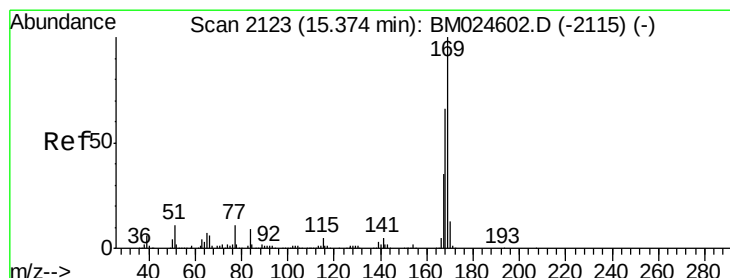
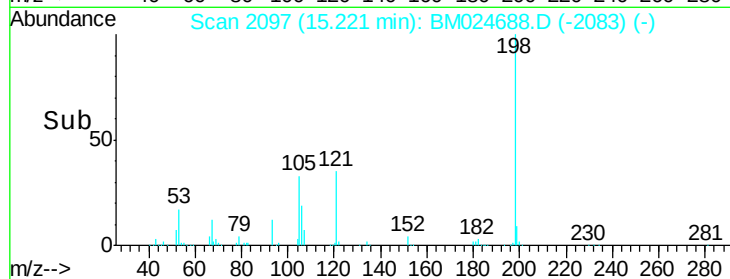
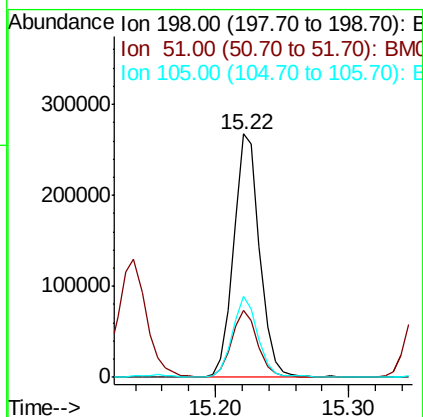
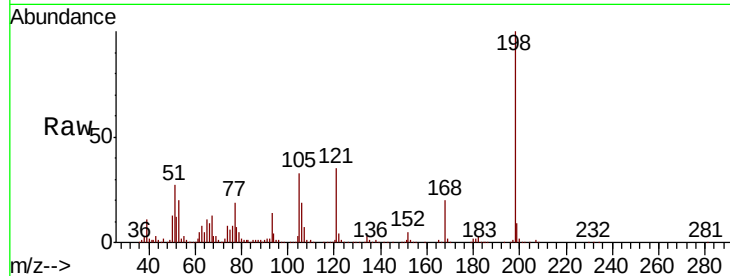




#65
4,6-Dinitro-2-methylphenol
Concen: 54.206 ng
RT: 15.22 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

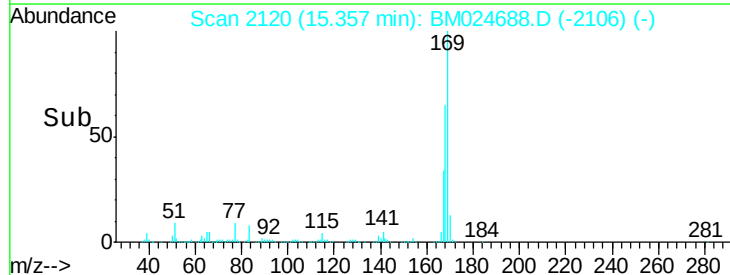
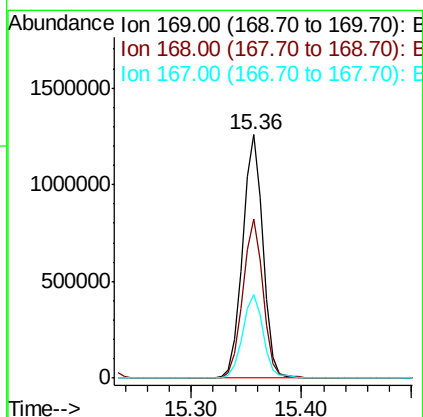
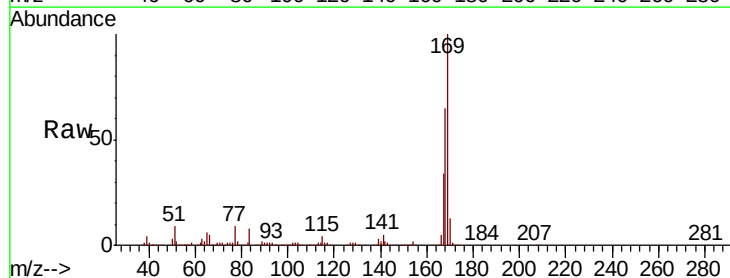
Instrument :
BNA_M
ClientSampleId :

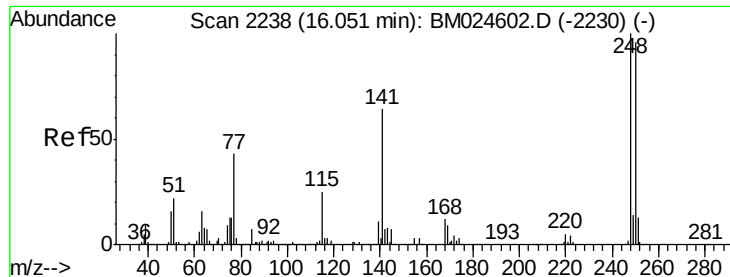
Tot Ion:198 Resp: 363429
Ion Ratio Lower Upper
198 100
51 27.4 15.8 55.8
105 33.2 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 49.648 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:169 Resp: 1626178
Ion Ratio Lower Upper
169 100
168 65.1 52.8 79.2
167 34.3 28.2 42.2

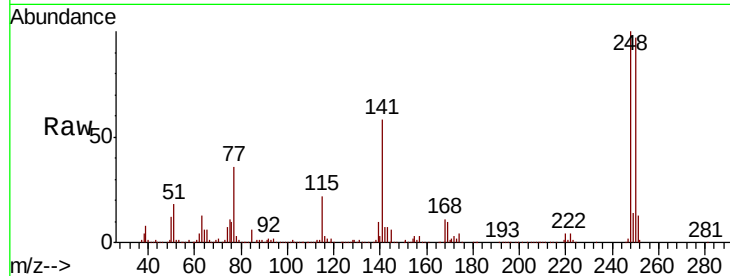




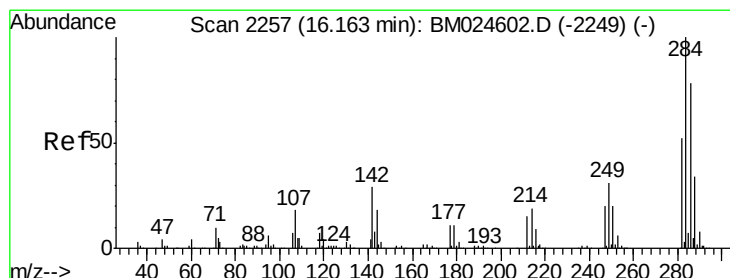
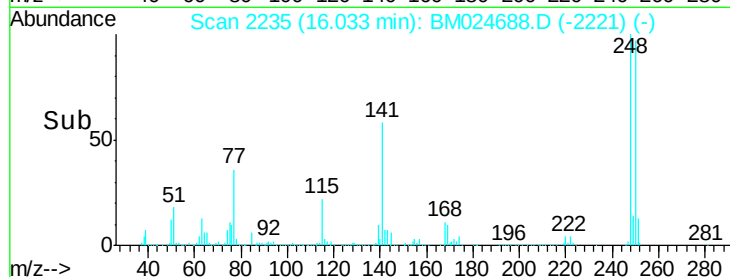
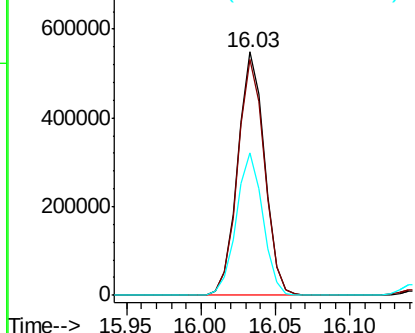
#67
4-Bromophenyl-phenylether
Concen: 48.521 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 688036
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.6
141 58.4 50.9 76.3

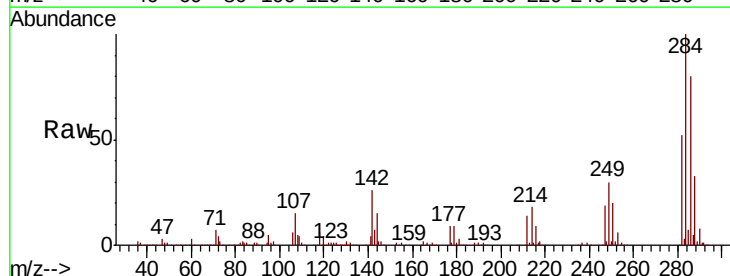


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

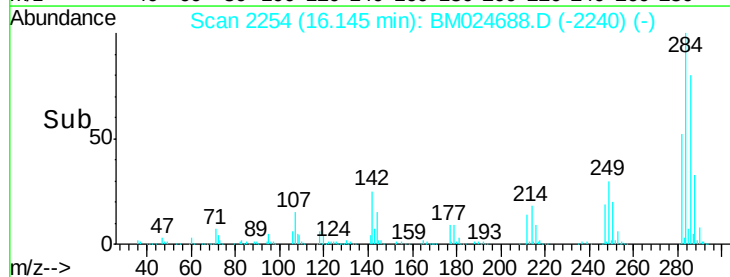
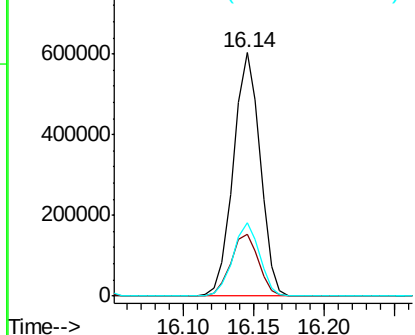


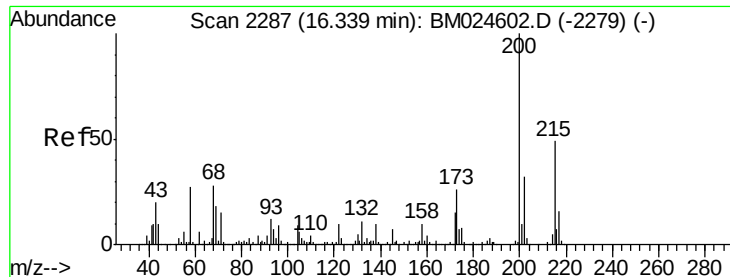
#68
Hexachlorobenzene
Concen: 48.973 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:284 Resp: 796911
Ion Ratio Lower Upper
284 100
142 25.5 23.5 35.3
249 30.0 24.6 36.8



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: 53.345 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

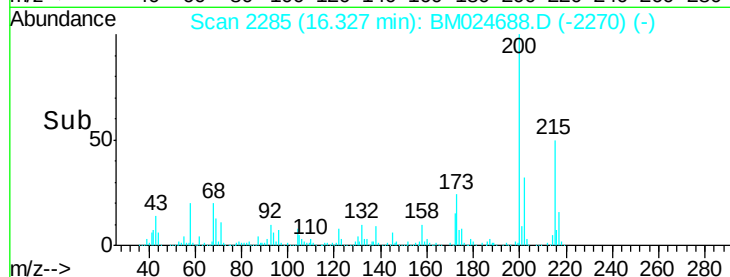
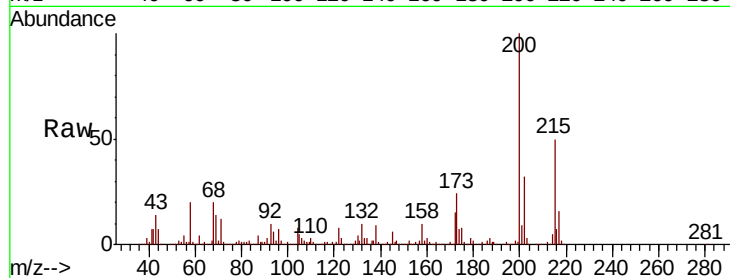
Tot Ion:200 Resp: 670688

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

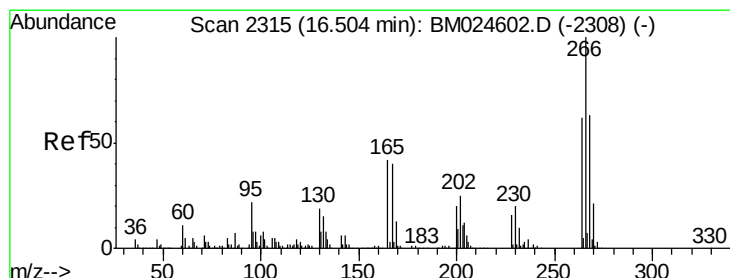
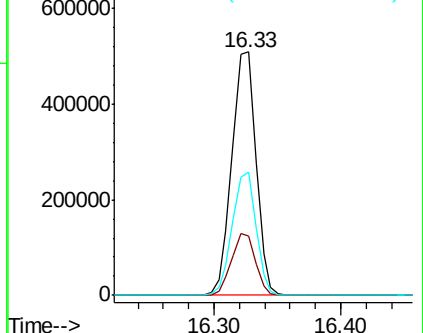
215 50.4 29.4 69.4



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: 107.579 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

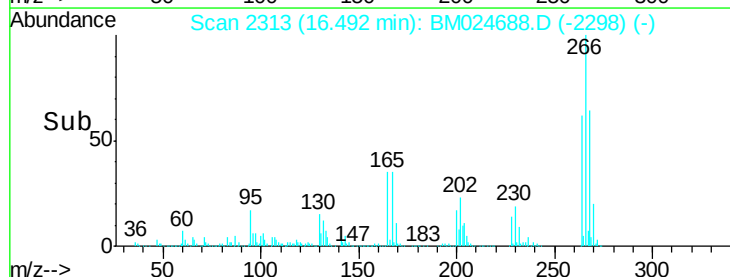
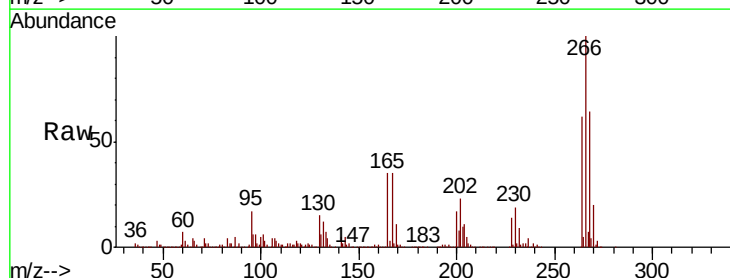
Tgt Ion:266 Resp: 1066311

Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

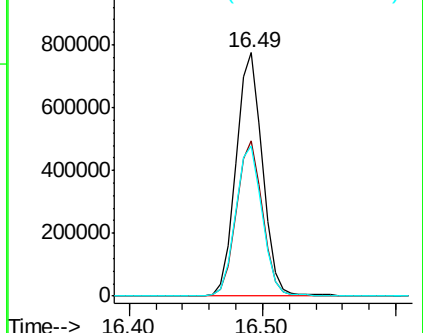
264 61.8 49.9 74.9

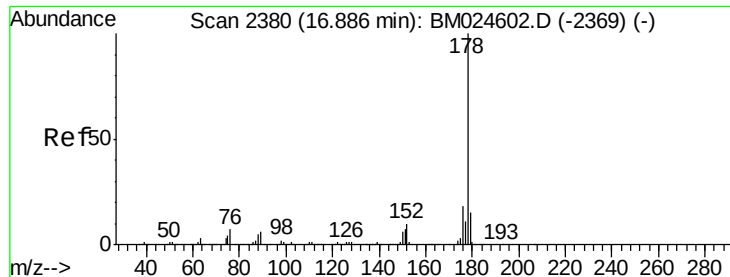


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

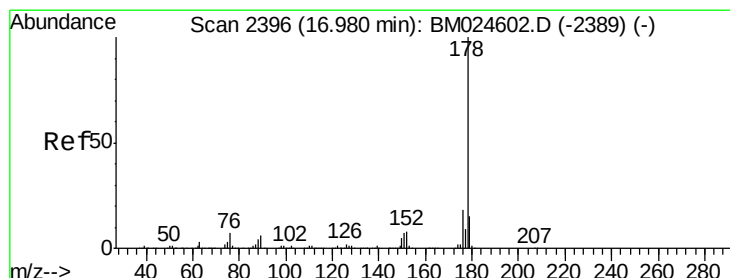
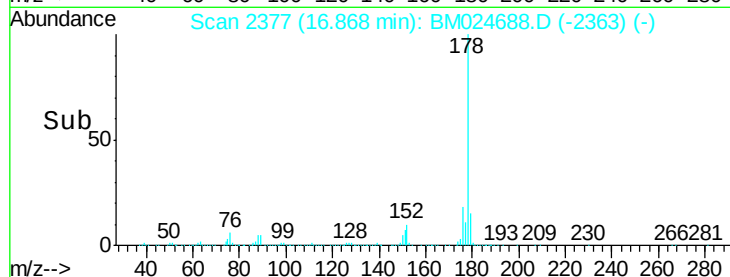
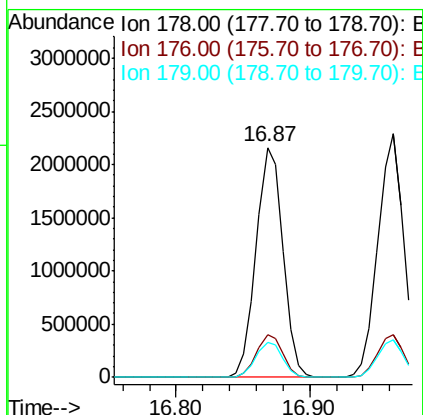
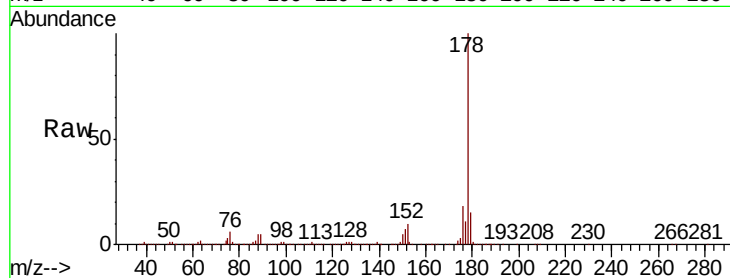




#71
Phenanthrene
Concen: 48.386 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

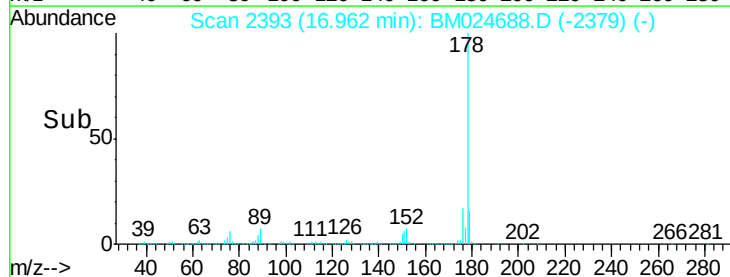
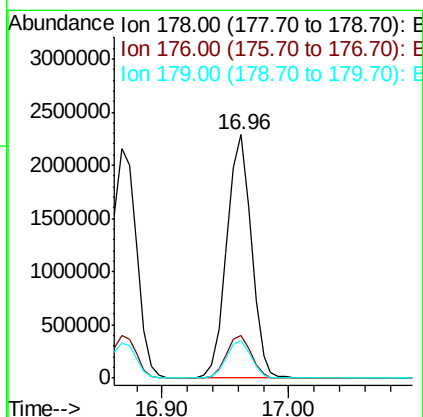
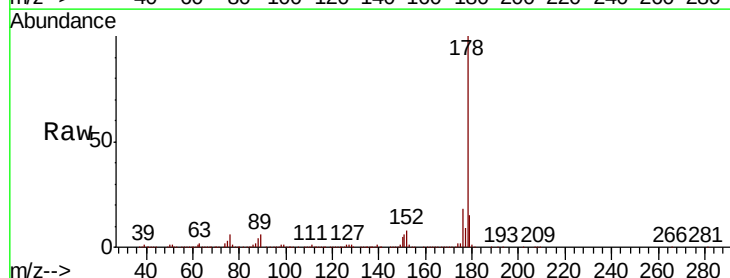
Instrument :
BNA_M
ClientSampleId :

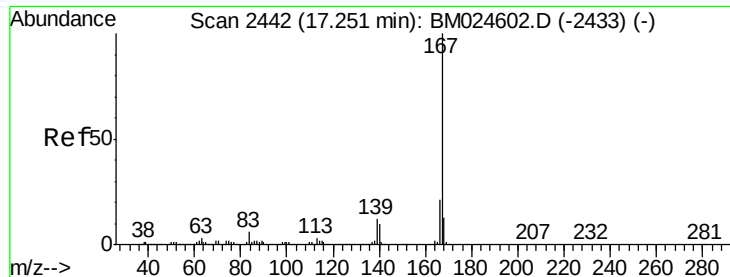
Tot Ion:178 Resp: 2987708
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.2 11.9 17.9



#72
Anthracene
Concen: 50.507 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:178 Resp: 3051568
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.3 12.1 18.1





#73

Carbazole

Concen: 49.495 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampled :

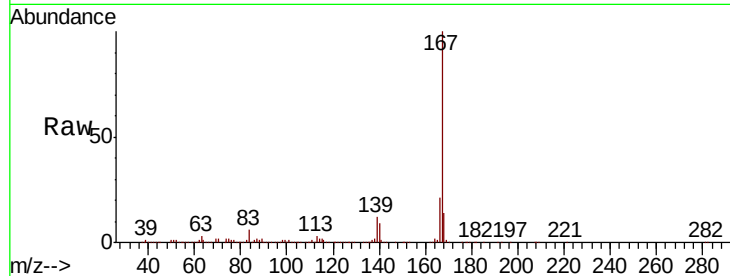
Tot Ion:167 Resp: 2722276

Ion Ratio Lower Upper

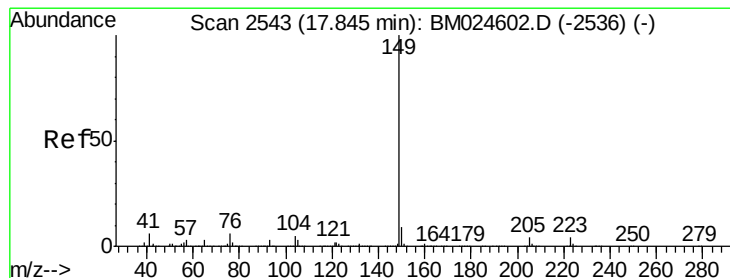
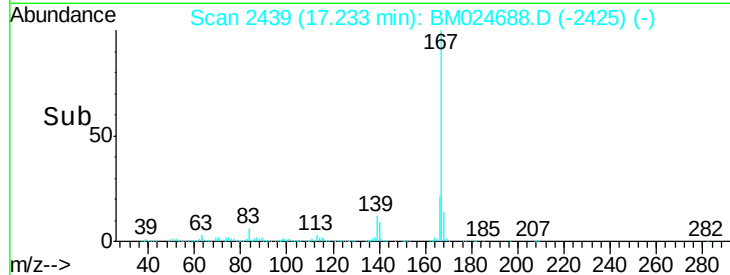
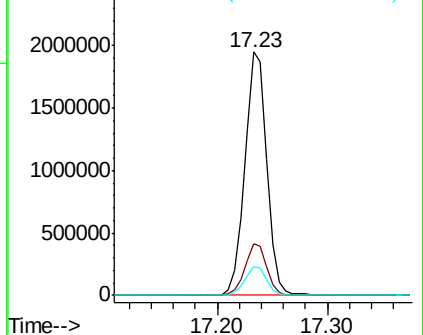
167 100

166 21.2 17.1 25.7

139 11.9 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



#74

Di-n-butylphthalate

Concen: 45.921 ng

RT: 17.83 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

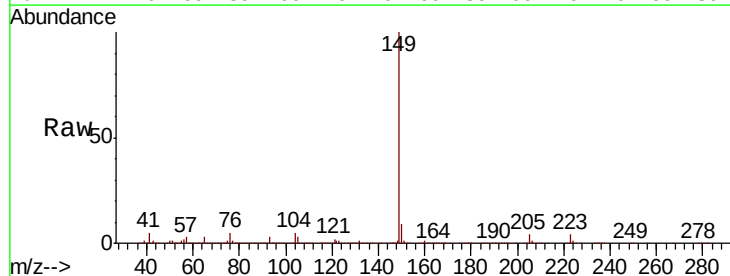
Tgt Ion:149 Resp: 3228870

Ion Ratio Lower Upper

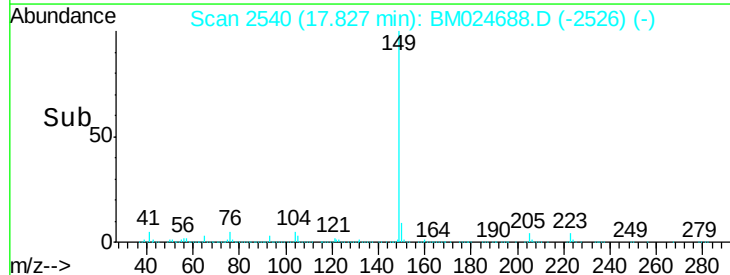
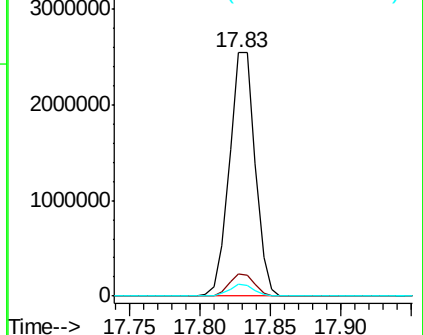
149 100

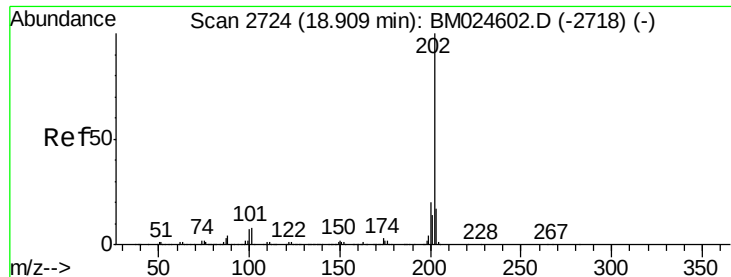
150 9.2 7.4 11.0

104 4.9 4.3 6.5



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





#75

Fluoranthene

Concen: 49.677 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

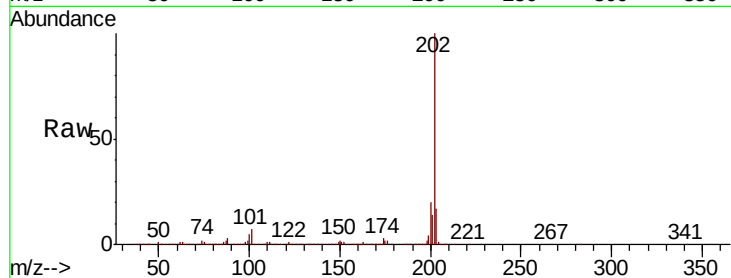
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 3828456

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.4
203	17.3	0.0	37.5

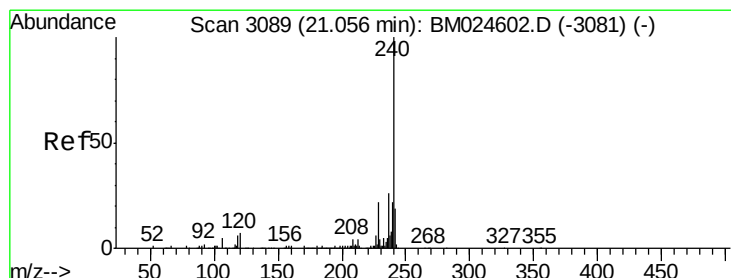
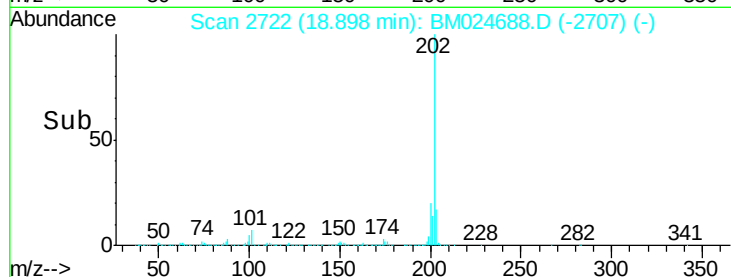
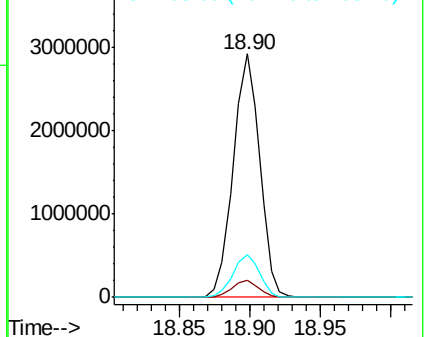


Abundance

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: 21.04 min Scan# 3086

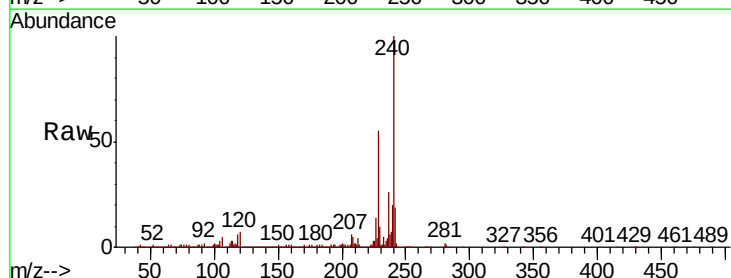
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:240 Resp: 1216726

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.9	20.6	31.0

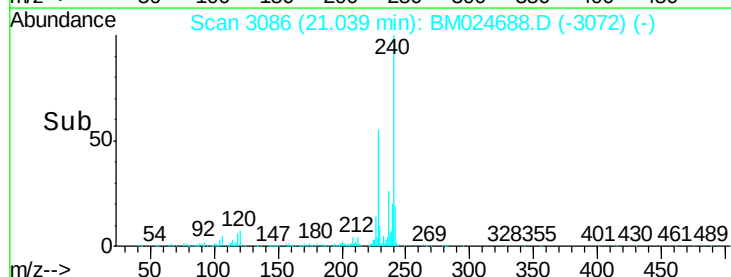
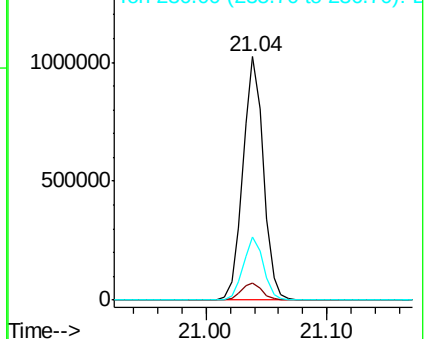


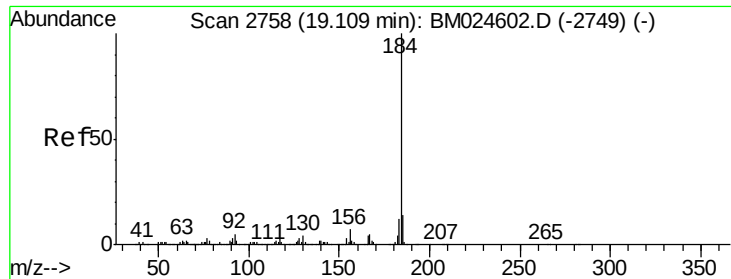
Abundance

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: 42.934 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

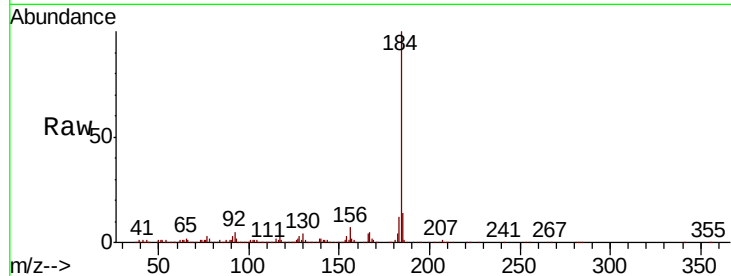
Tot Ion:184 Resp: 1216584

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

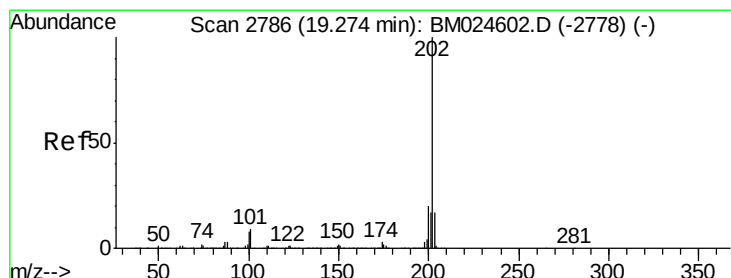
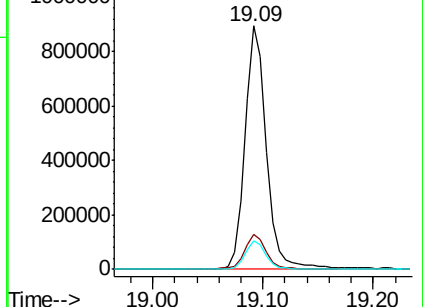
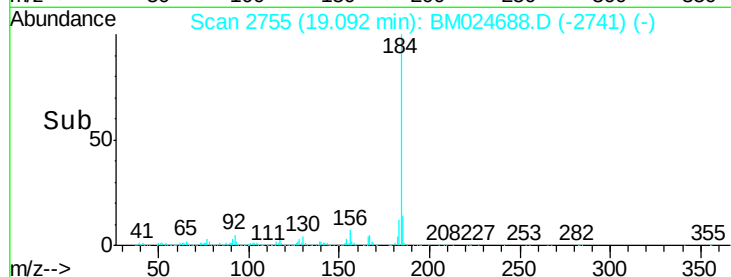
183 11.7 9.6 14.4



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: 48.698 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

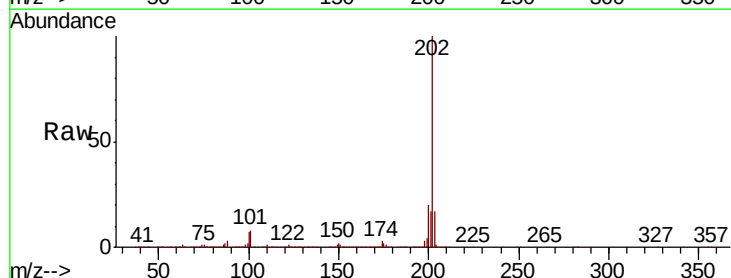
Tgt Ion:202 Resp: 3906087

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

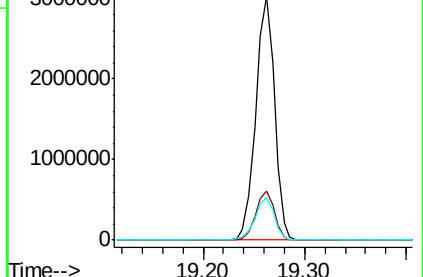
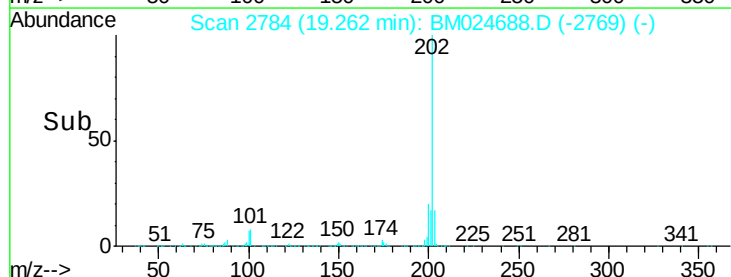
203 17.4 14.0 21.0

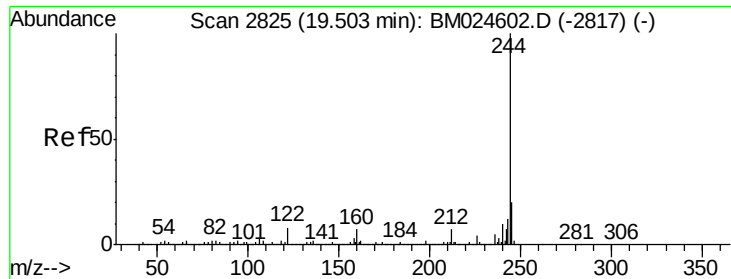


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.655 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

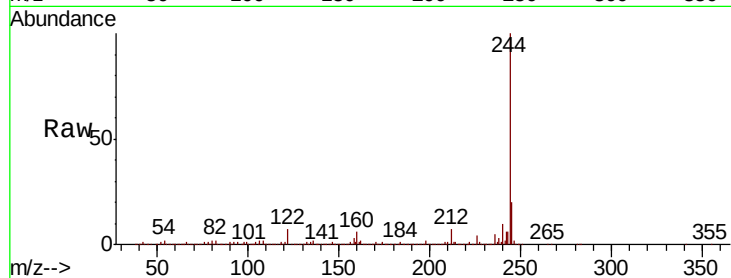
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 6494861

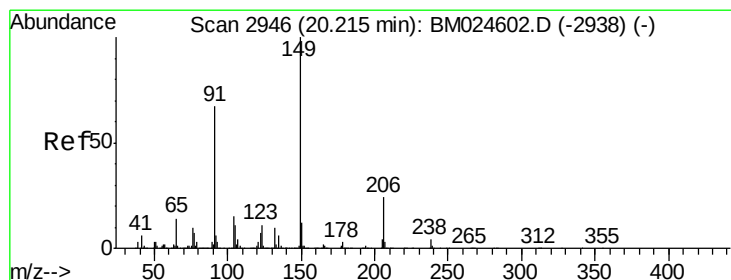
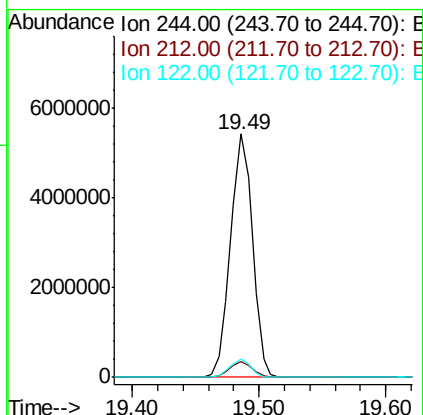
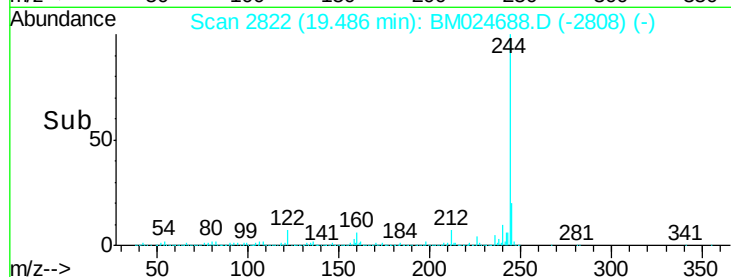
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	7.3	6.2	9.4



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: 45.046 ng

RT: 20.20 min Scan# 2944

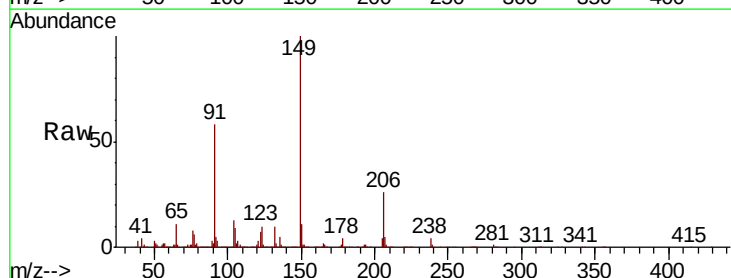
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:149 Resp: 1516124

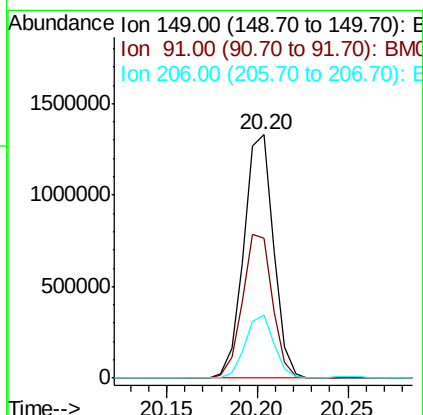
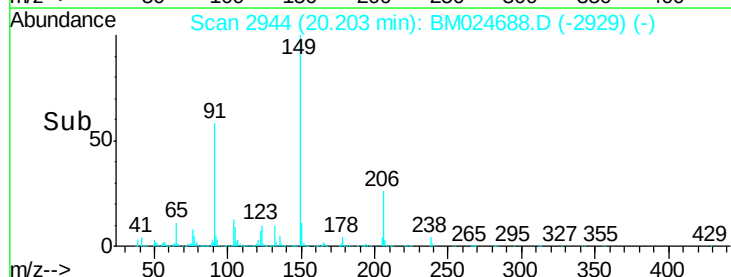
Ion	Ratio	Lower	Upper
149	100		
91	57.6	53.9	80.9
206	25.7	19.0	28.6

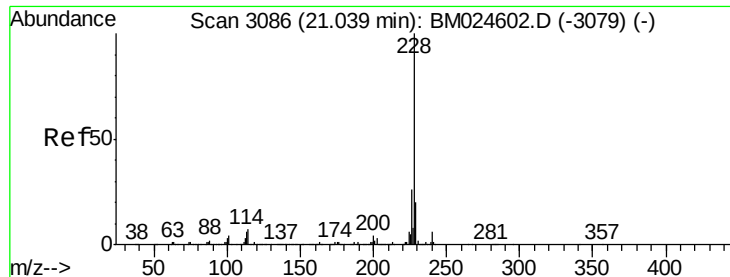


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.444 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

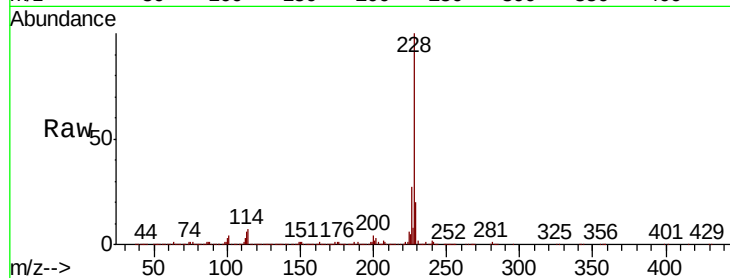
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4091033

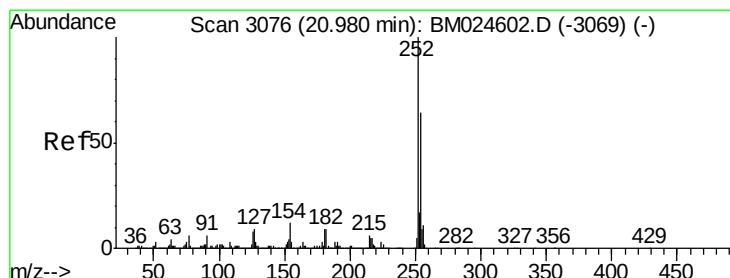
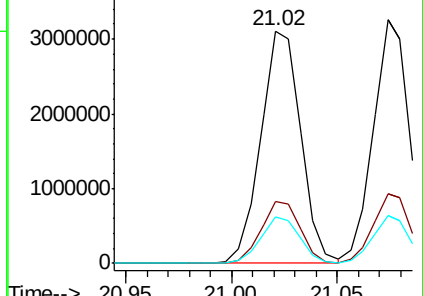
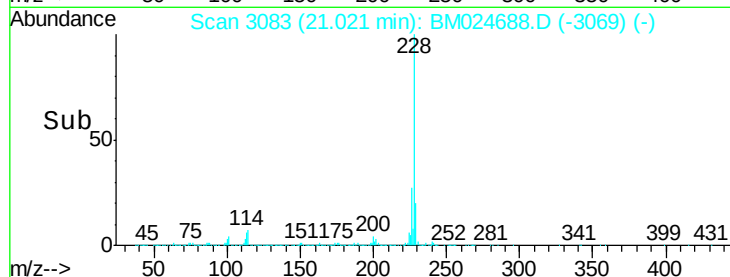
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.1	31.7
229	19.9	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.881 ng

RT: 20.97 min Scan# 3074

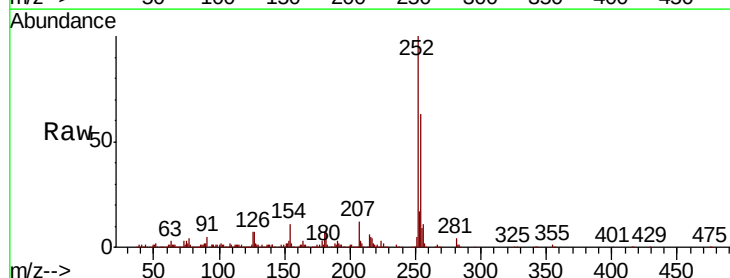
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:252 Resp: 603945

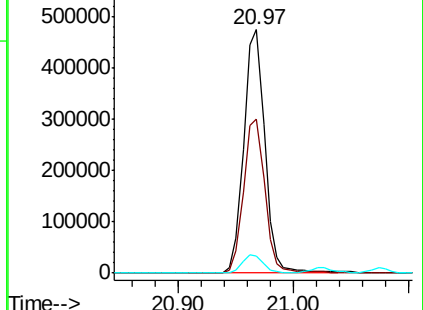
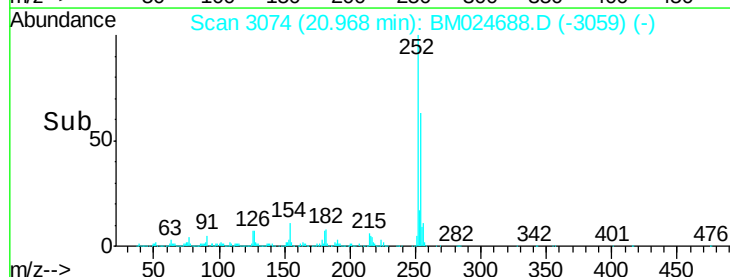
Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	7.2	6.7	10.1

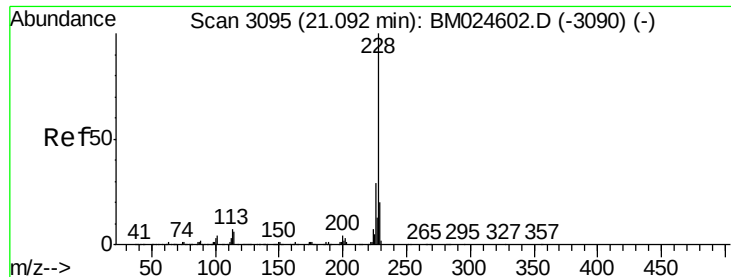


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.067 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

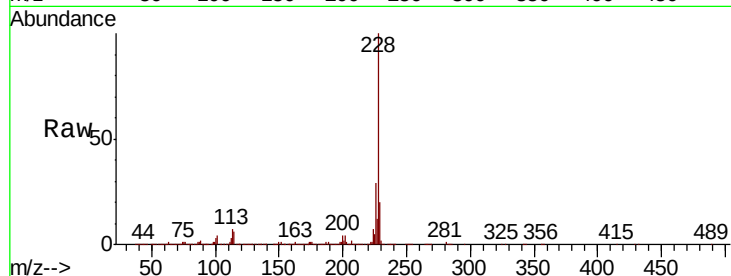
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3873262

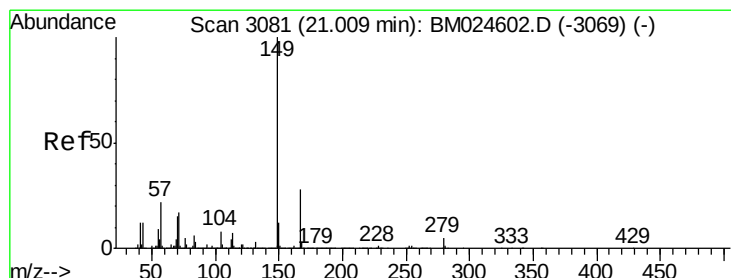
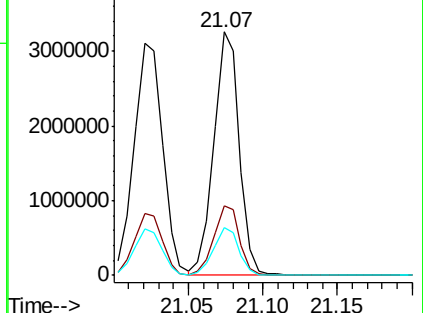
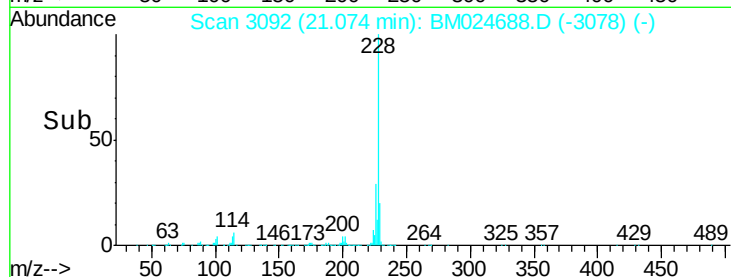
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	19.7	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.223 ng

RT: 21.00 min Scan# 3079

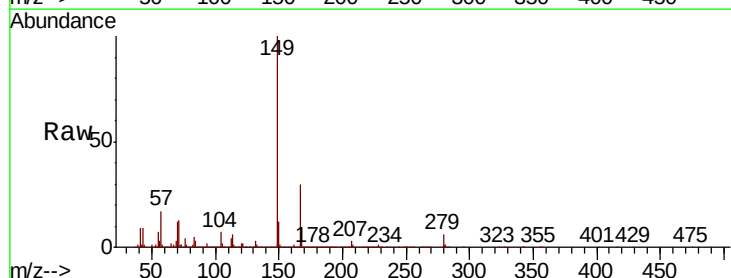
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:149 Resp: 2196193

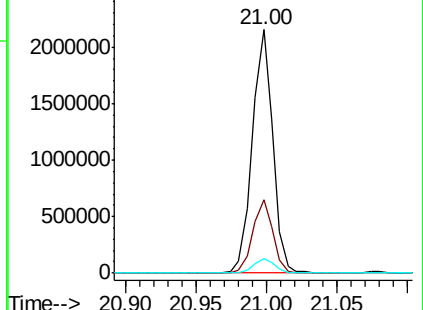
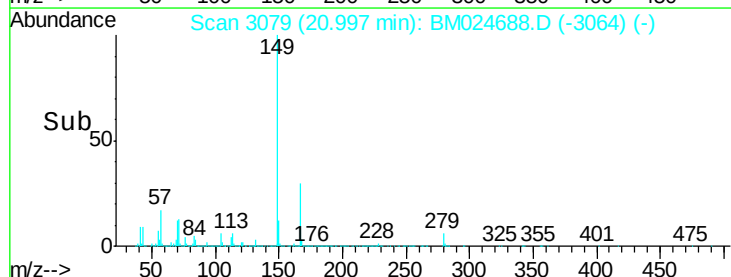
Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.5	33.7
279	6.0	4.0	6.0

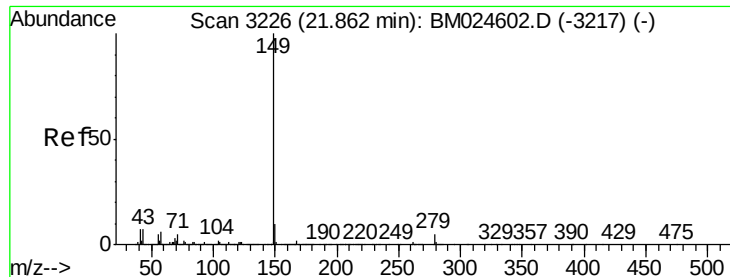


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.788 ng

RT: 21.84 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

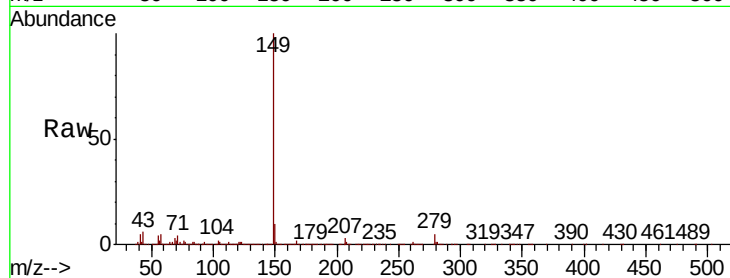
Tot Ion:149 Resp: 3838855

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

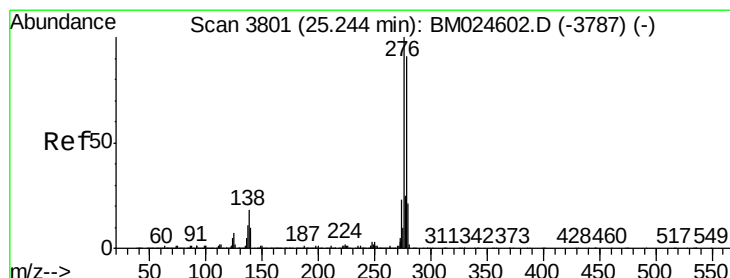
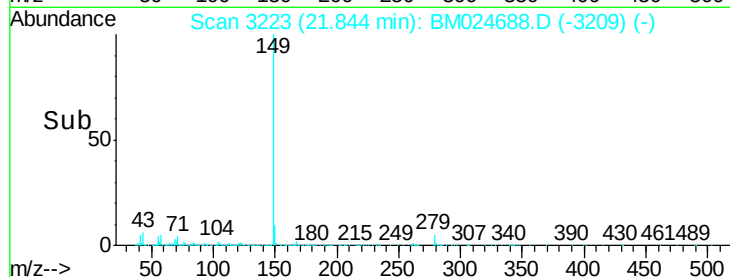
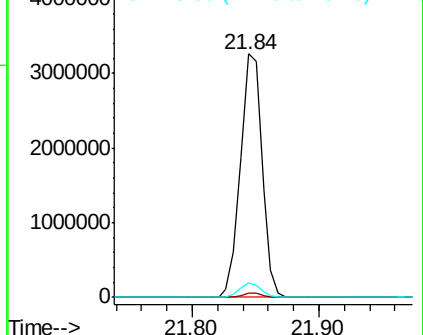
43 5.6 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.093 ng

RT: 25.21 min Scan# 3796

Delta R.T. -0.03 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

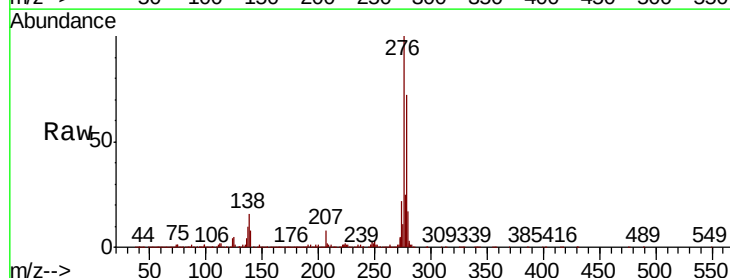
Tgt Ion:276 Resp: 4926527

Ion Ratio Lower Upper

276 100

138 16.0 13.4 20.0

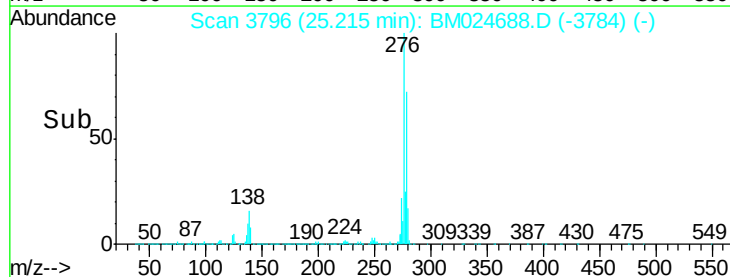
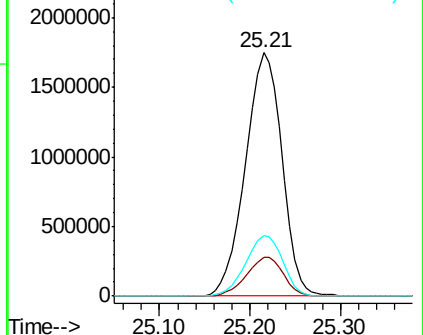
277 25.2 19.6 29.4

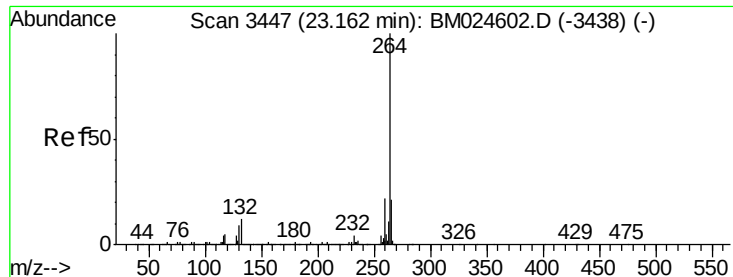


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

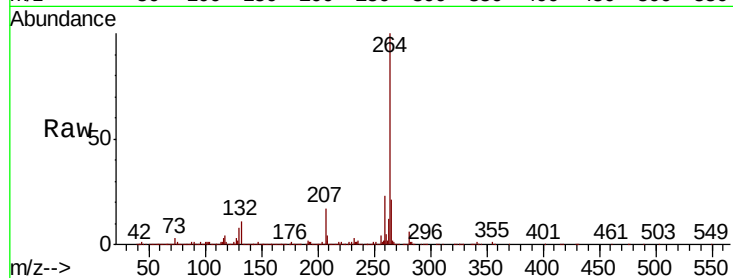
Tot Ion:264 Resp: 1401997

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	17.3	25.9

264 100

260 23.3 17.9 26.9

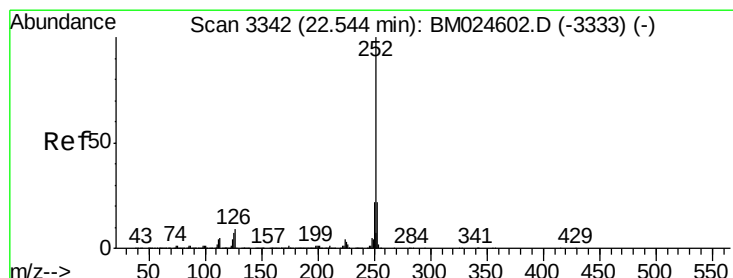
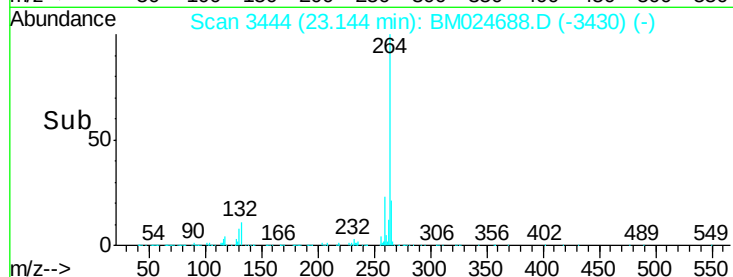
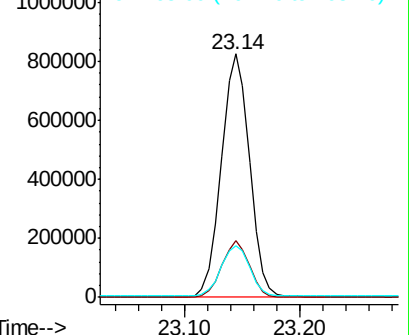
265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.916 ng

RT: 22.53 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

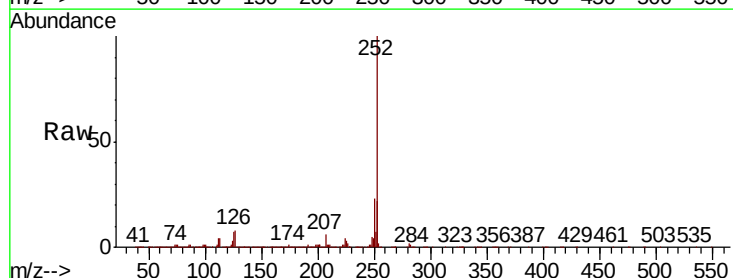
Tgt Ion:252 Resp: 4356977

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.6	5.7	8.5

252 100

253 21.8 17.6 26.4

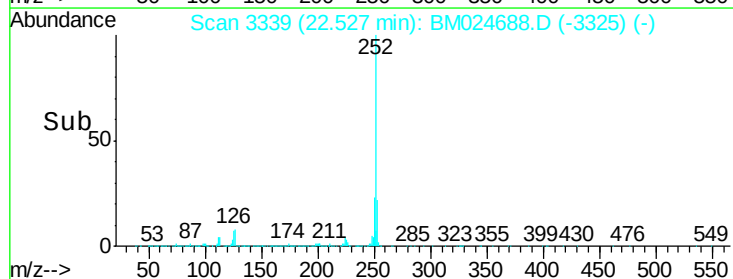
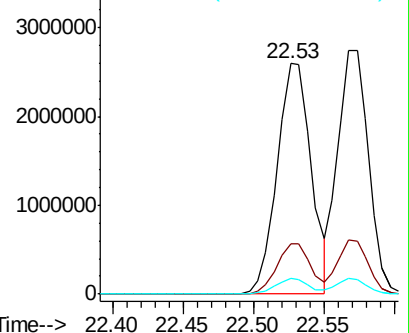
125 6.6 5.7 8.5

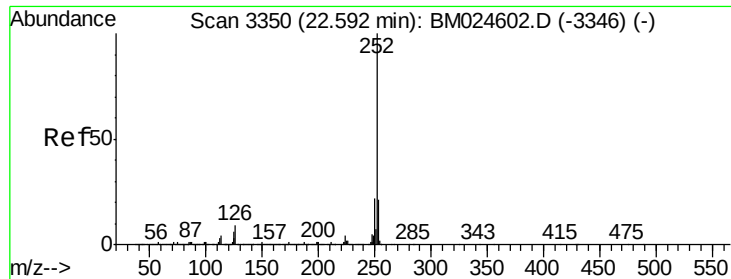


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

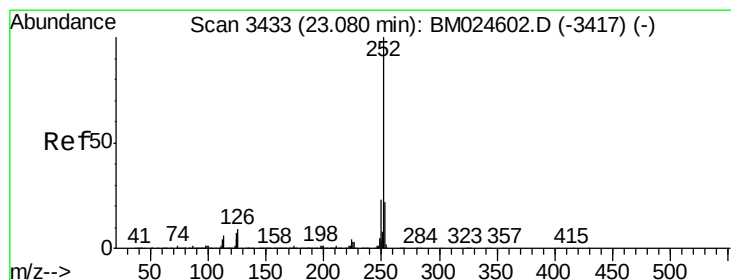
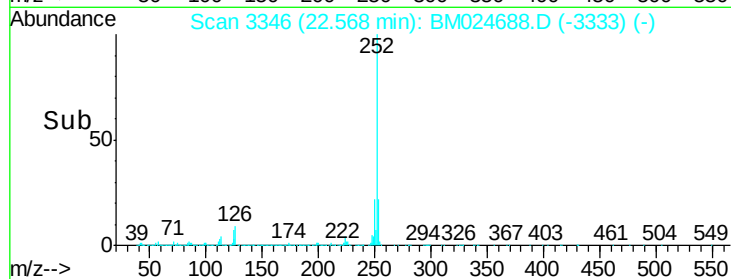
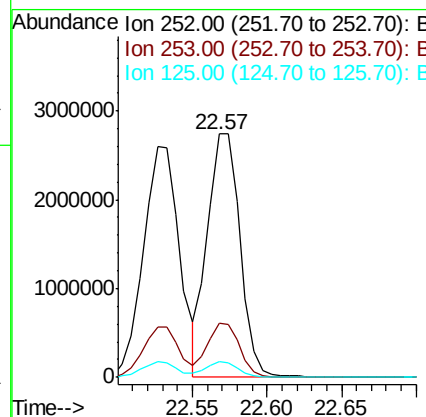
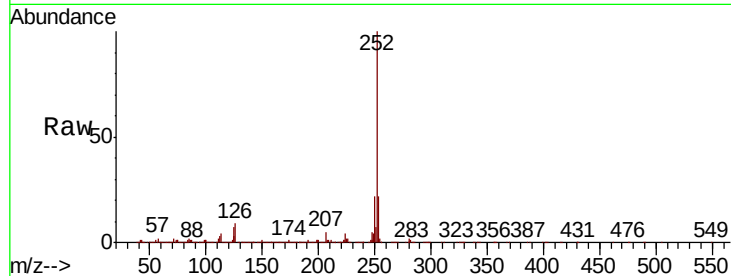




#89
Benzo(k)fluoranthene
Concen: 46.691 ng
RT: 22.57 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

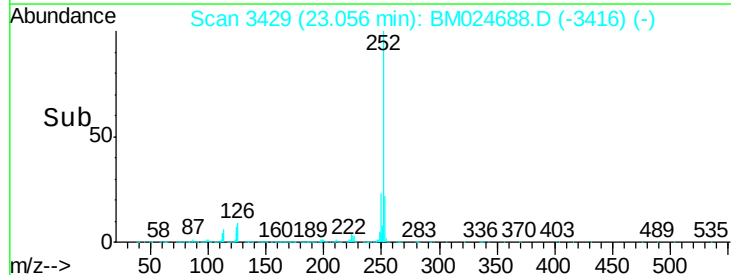
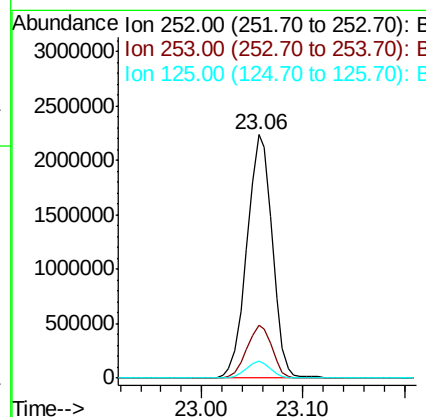
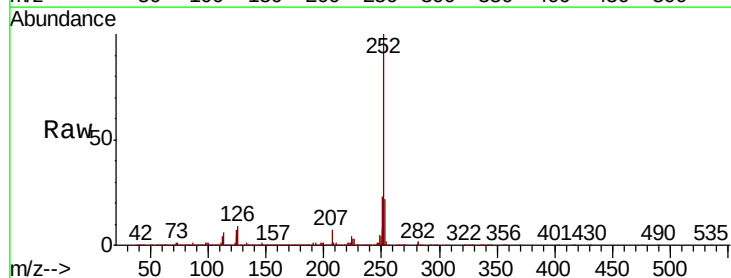
Instrument :
BNA_M
ClientSampleId :

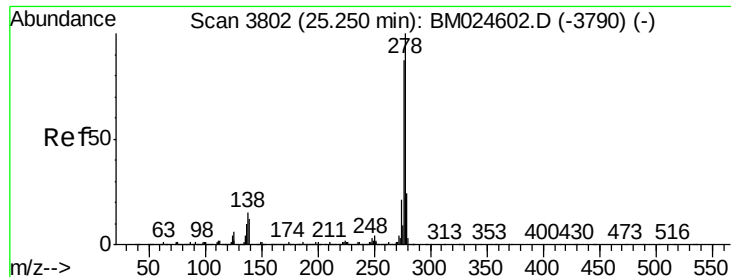
Tot Ion:252 Resp: 4144114
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.7 5.2 7.8



#90
Benzo(a)pyrene
Concen: 46.939 ng
RT: 23.06 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:252 Resp: 3880498
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.0 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 53.203 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

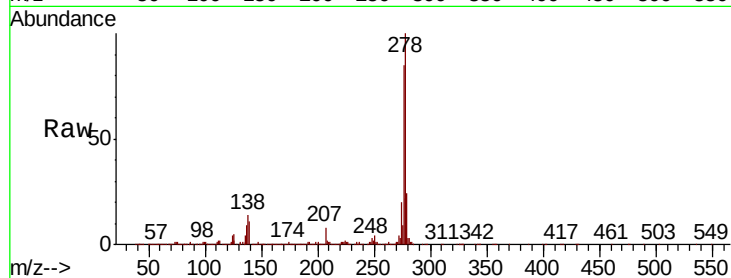
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4174661

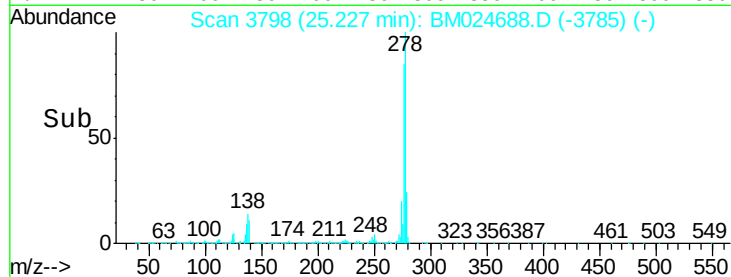
Ion	Ratio	Lower	Upper
278	100		
139	10.6	9.3	13.9
279	23.9	18.9	28.3



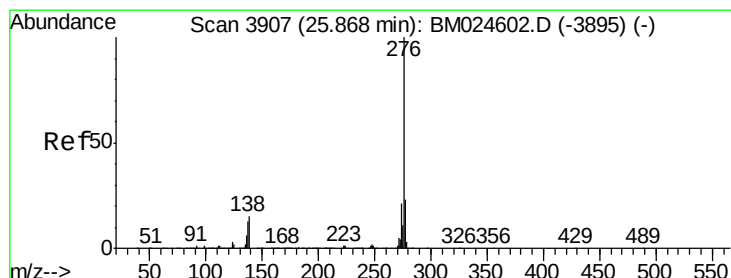
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 57.522 ng

RT: 25.84 min Scan# 3902

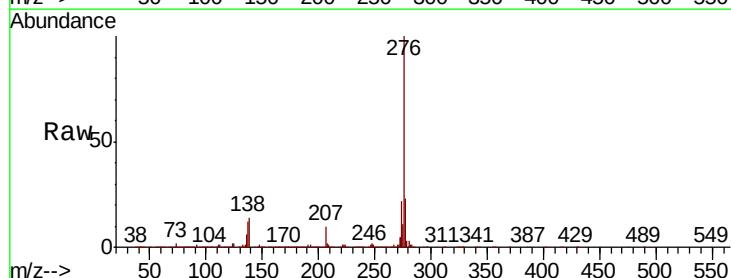
Delta R.T. -0.03 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:276 Resp: 4098381

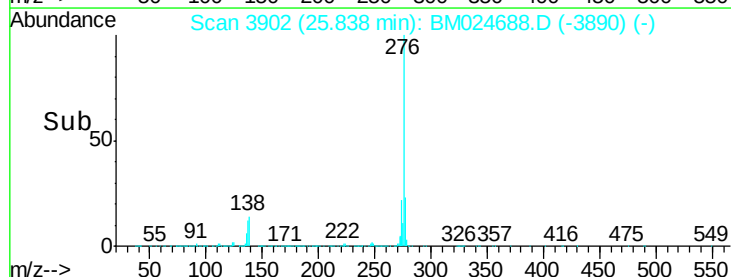
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	13.7	11.9	17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->