

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024659.D
 Acq On : 30 Jan 2020 15:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:21:34 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	180703	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	671572	20.00	ng	-0.01
39) Acenaphthene-d10	14.08	164	457636	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	1042903	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1150873	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1343060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	833334	87.70	ng	-0.01
7) Phenol-d6	6.63	99	1070391	81.77	ng	-0.01
23) Nitrobenzene-d5	8.57	82	1053729	76.95	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	687455	92.35	ng	-0.01
45) 2-Fluorobiphenyl	12.70	172	2956333	87.82	ng	-0.01
79) Terphenyl-d14	19.49	244	5480419	88.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	150773	40.113	ng	91
3) Pyridine	3.44	79	438941	40.284	ng	96
4) n-Nitrosodimethylamine	3.36	42	155258	32.101	ng	83
6) Aniline	6.77	93	641204	40.240	ng	95
8) 2-Chlorophenol	7.00	128	475196	43.932	ng	92
9) Benzaldehyde	6.58	77	285913	36.967	ng	94
10) Phenol	6.66	94	526951	40.386	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	404995	38.772	ng	95
12) 1,3-Dichlorobenzene	7.32	146	599859	45.142	ng	95
13) 1,4-Dichlorobenzene	7.46	146	603969	44.802	ng	98
14) 1,2-Dichlorobenzene	7.77	146	583416	44.834	ng	97
15) Benzyl Alcohol	7.67	79	404297	37.462	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	324174	33.901	ng	97
17) 2-Methylphenol	7.89	107	372245	40.485	ng	95
18) Hexachloroethane	8.49	117	209505	40.245	ng	93
19) n-Nitroso-di-n-propylamine	8.24	70	335950	34.184	ng	94
20) 3+4-Methylphenols	8.21	107	505167	39.689	ng	96
22) Acetophenone	8.25	105	713328	41.193	ng	96
24) Nitrobenzene	8.61	77	506787	38.619	ng	96
25) Isophorone	9.14	82	882905	37.945	ng	97
26) 2-Nitrophenol	9.32	139	278933	45.904	ng	87
27) 2,4-Dimethylphenol	9.40	122	357113	43.248	ng	95
28) bis(2-Chloroethoxy)methane	9.63	93	572399	40.270	ng	99
29) 2,4-Dichlorophenol	9.85	162	513446	46.024	ng	96
30) 1,2,4-Trichlorobenzene	10.06	180	626292	46.548	ng	99
31) Naphthalene	10.24	128	1481691	43.683	ng	99
32) Benzoic acid	9.55	122	305895	40.497	ng	94
33) 4-Chloroaniline	10.36	127	639390	43.005	ng	96
34) Hexachlorobutadiene	10.55	225	424349	45.624	ng	99
35) Caprolactam	11.13	113	151539	42.339	ng	84
36) 4-Chloro-3-methylphenol	11.50	107	471053	39.709	ng	89
37) 2-Methylnaphthalene	11.86	142	1116076	42.637	ng	98
38) 1-Methylnaphthalene	12.09	142	1055890	42.406	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	738841	45.236	ng	99

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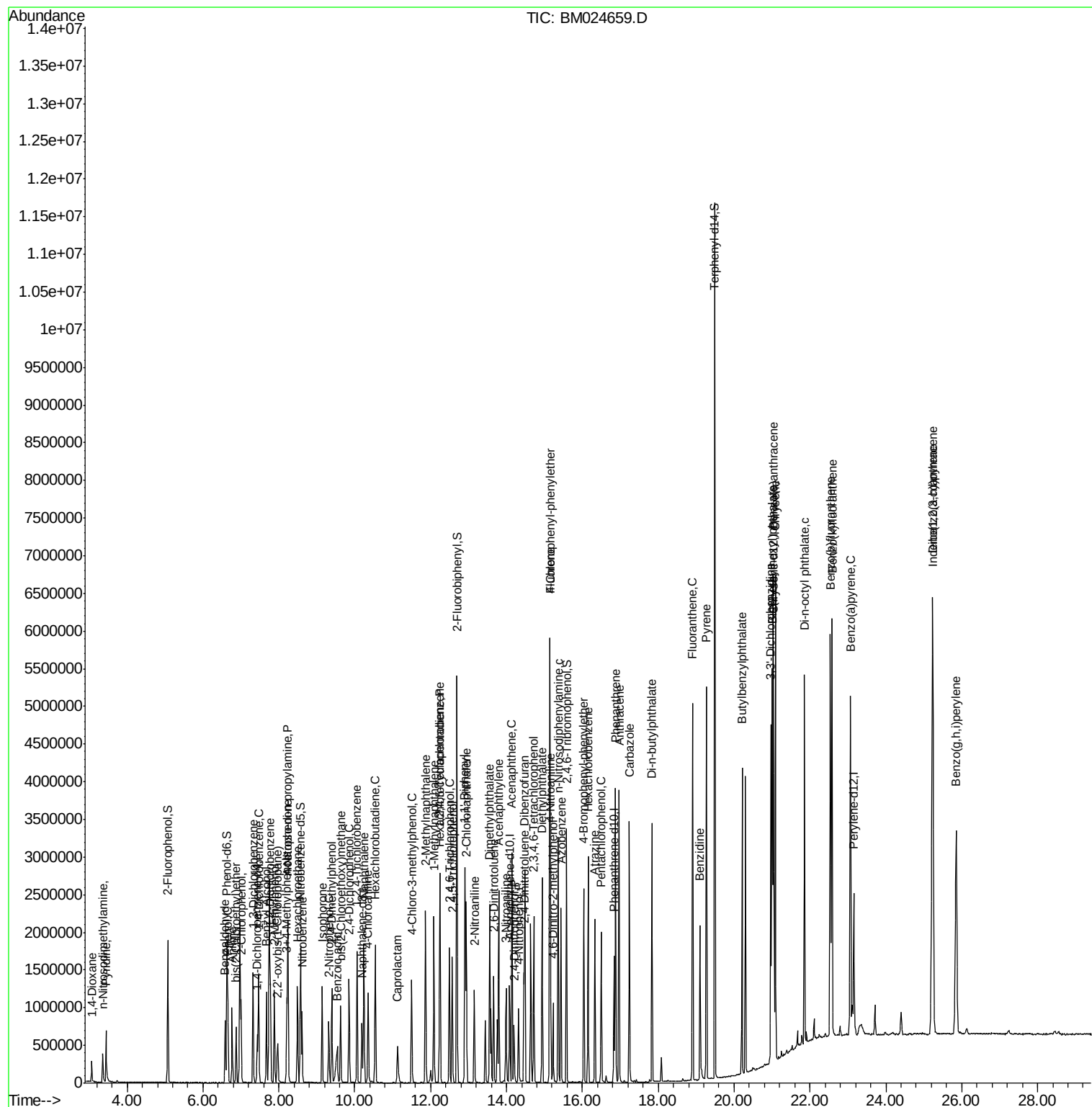
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	334434	36.530	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	474437	45.647	ng	100
44) 2,4,5-Trichlorophenol	12.57	196	480792	45.295	ng	96
46) 1,1'-Biphenyl	12.90	154	1524492	44.019	ng	99
47) 2-Chloronaphthalene	12.94	162	1255376	44.900	ng	97
48) 2-Nitroaniline	13.15	65	304235	35.677	ng	86
49) Acenaphthylene	13.80	152	1838079	43.915	ng	100
50) Dimethylphthalate	13.56	163	1570415	42.437	ng	99
51) 2,6-Dinitrotoluene	13.66	165	341643	43.424	ng #	84
52) Acenaphthene	14.14	154	1129159	43.475	ng	99
53) 3-Nitroaniline	13.99	138	353670	43.341	ng	92
54) 2,4-Dinitrophenol	14.20	184	201427	42.813	ng #	83
55) Dibenzofuran	14.49	168	1862931	43.981	ng	95
56) 4-Nitrophenol	14.32	139	272805	42.768	ng	86
57) 2,4-Dinitrotoluene	14.46	165	477251	42.325	ng #	82
58) Fluorene	15.14	166	1501309	42.176	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.72	232	470986	43.754	ng #	94
60) Diethylphthalate	14.94	149	1524644	40.582	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	861494	41.979	ng	98
62) 4-Nitroaniline	15.16	138	382671	42.485	ng	89
63) Azobenzene	15.44	77	1130491	35.277	ng	93
65) 4,6-Dinitro-2-methylphenol	15.23	198	275298	44.895	ng	90
66) n-Nitrosodiphenylamine	15.36	169	1314524	43.880	ng	100
67) 4-Bromophenyl-phenylether	16.04	248	571405	44.058	ng	97
68) Hexachlorobenzene	16.15	284	688233	46.243	ng	97
69) Atrazine	16.33	200	443471	38.566	ng	99
70) Pentachlorophenol	16.50	266	389387	42.953	ng	98
71) Phenanthrene	16.87	178	2498598	44.243	ng	99
72) Anthracene	16.97	178	2452944	44.390	ng	99
73) Carbazole	17.24	167	2259422	44.915	ng	99
74) Di-n-butylphthalate	17.83	149	2656146	41.302	ng	99
75) Fluoranthene	18.90	202	3176591	45.067	ng	99
77) Benzdine	19.10	184	1363112	50.858	ng	99
78) Pyrene	19.27	202	3290450	43.370	ng	100
80) Butylbenzylphthalate	20.21	149	1295047	40.679	ng	89
81) Benzo(a)anthracene	21.03	228	3485916	43.641	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	1409514	49.054	ng	99
83) Chrysene	21.09	228	3375463	44.286	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1844891	39.274	ng	97
85) Di-n-octyl phthalate	21.86	149	3206175	41.313	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4288080	51.617	ng	98
88) Benzo(b)fluoranthene	22.54	252	3651978	41.925	ng	99
89) Benzo(k)fluoranthene	22.58	252	3591913	42.245	ng	99
90) Benzo(a)pyrene	23.07	252	3451747	43.585	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3571485	47.513	ng	98
92) Benzo(g,h,i)perylene	25.85	276	3440759	50.411	ng	98

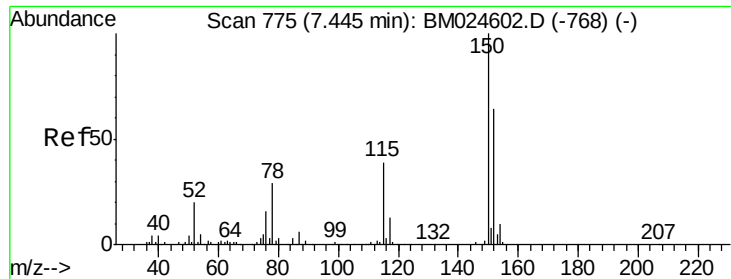
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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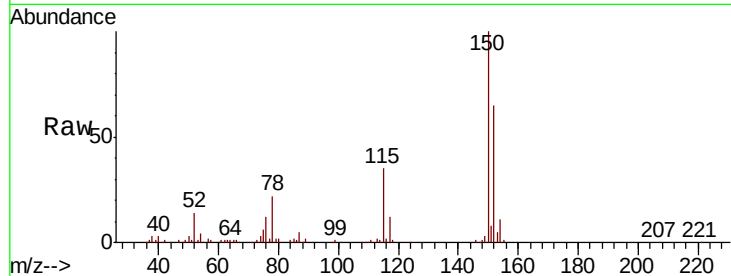


#1

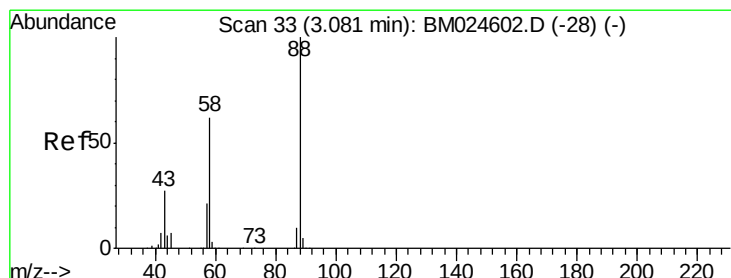
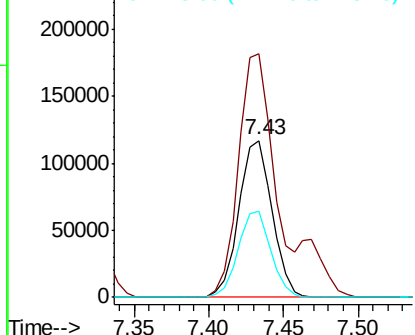
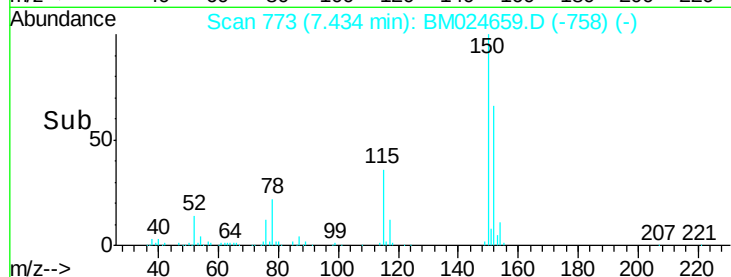
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 180703
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.4
115 54.9 48.6 72.8



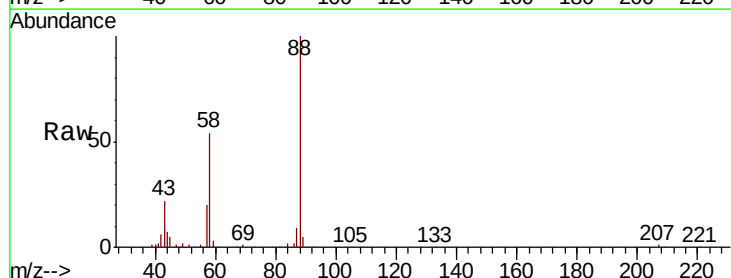
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



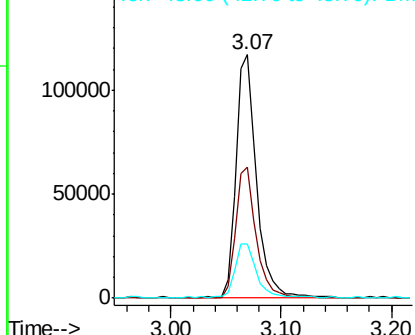
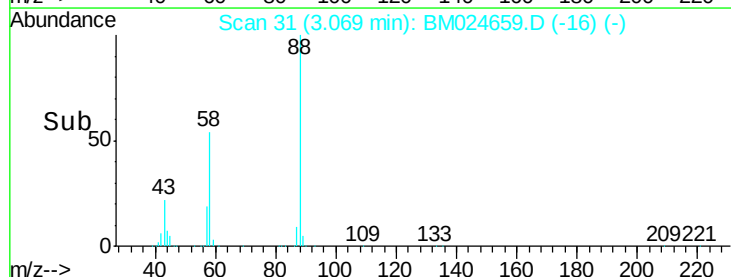
#2

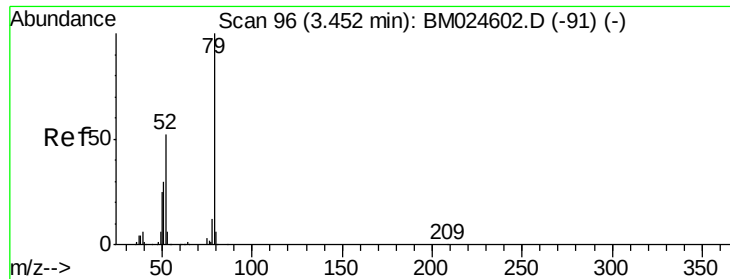
1,4-Dioxane
Concen: 40.113 ng
RT: 3.07 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion: 88 Resp: 150773
Ion Ratio Lower Upper
88 100
58 54.9 50.0 75.0
43 22.9 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: 40.284 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

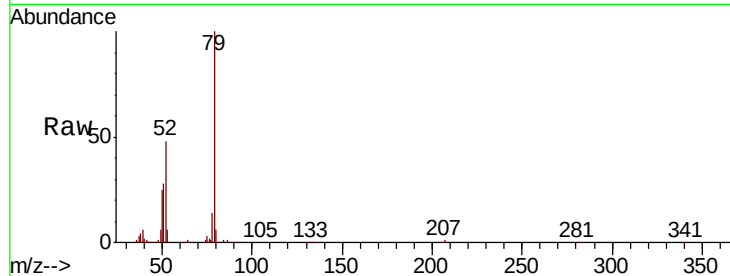
Tot Ion: 79 Resp: 438941

Ion Ratio Lower Upper

79 100

52 48.3 41.4 62.2

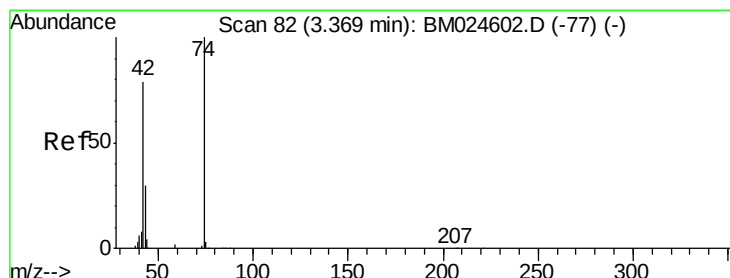
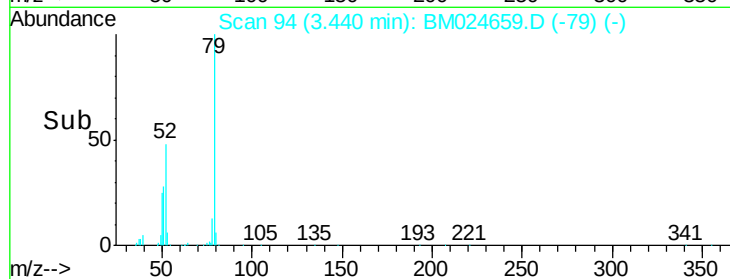
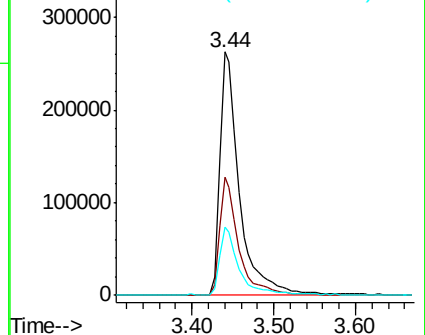
51 28.2 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024602.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 32.101 ng

RT: 3.36 min Scan# 80

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

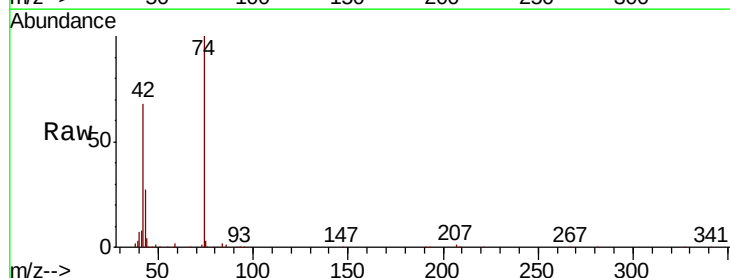
Tgt Ion: 42 Resp: 155258

Ion Ratio Lower Upper

42 100

74 146.7 101.4 152.2

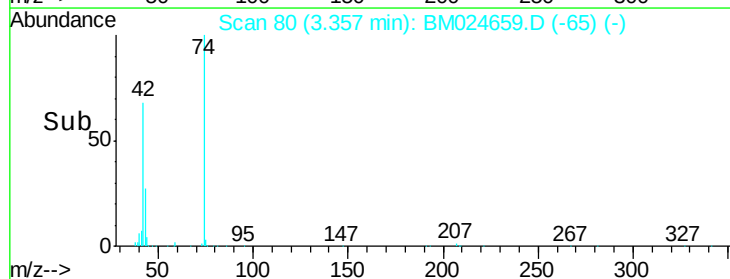
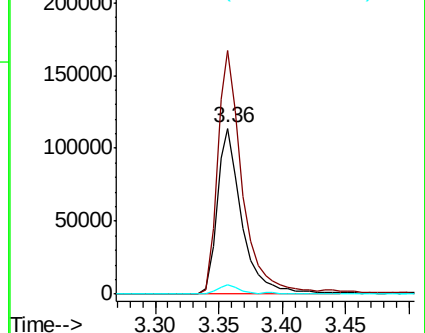
44 5.3 4.6 6.8

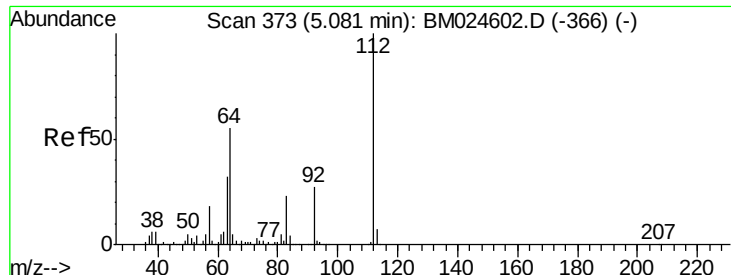


Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024602.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 87.702 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

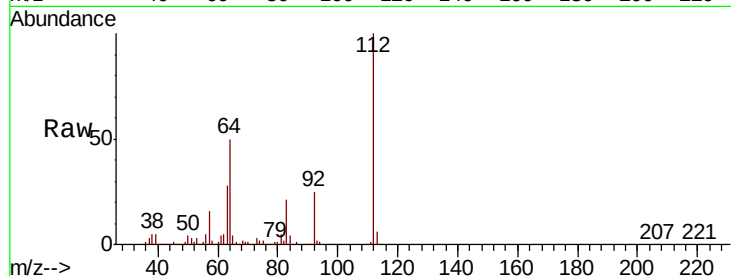
Tot Ion:112 Resp: 833334

Ion Ratio Lower Upper

112 100

64 50.2 44.2 66.4

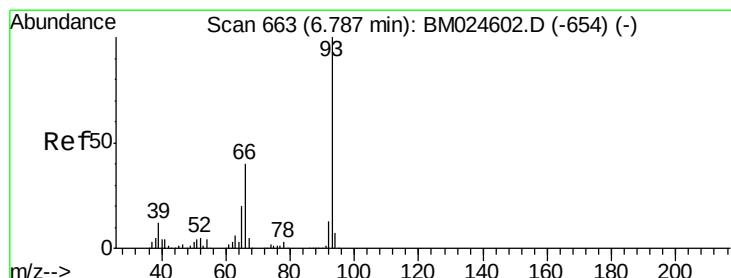
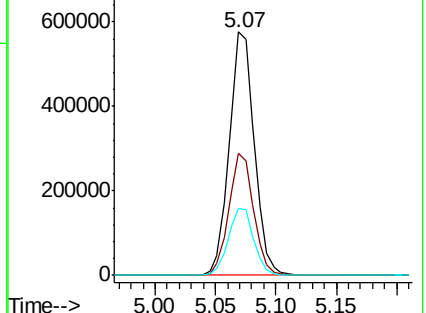
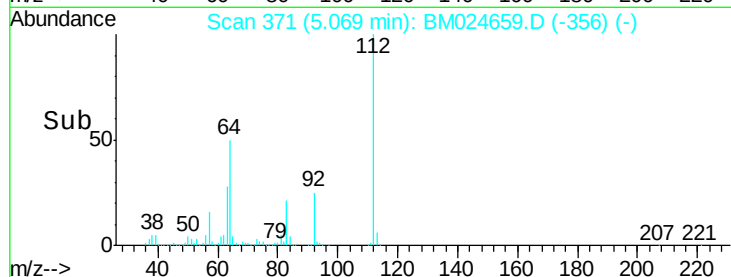
63 27.6 25.9 38.9



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: 40.240 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

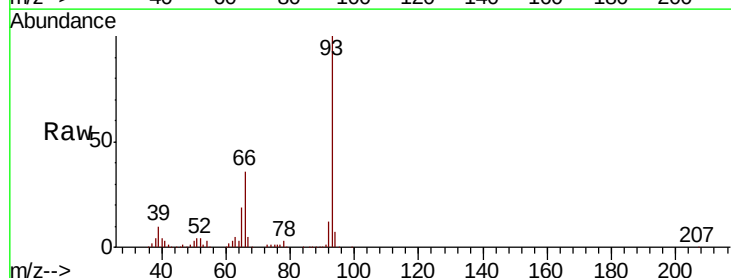
Tgt Ion: 93 Resp: 641204

Ion Ratio Lower Upper

93 100

66 36.1 31.8 47.8

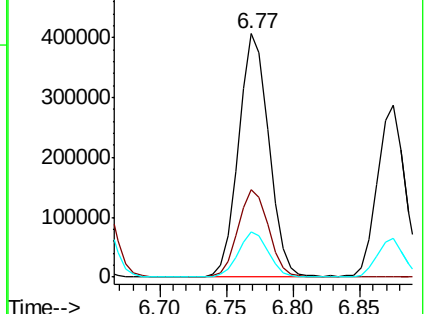
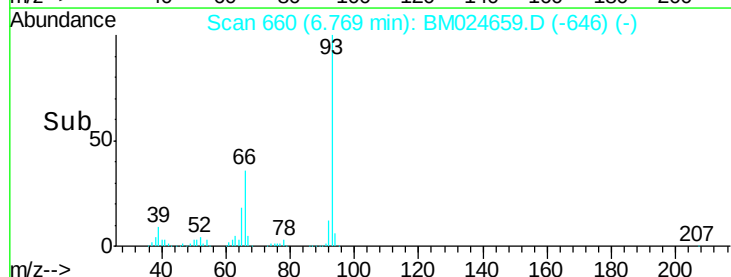
65 18.6 15.8 23.6

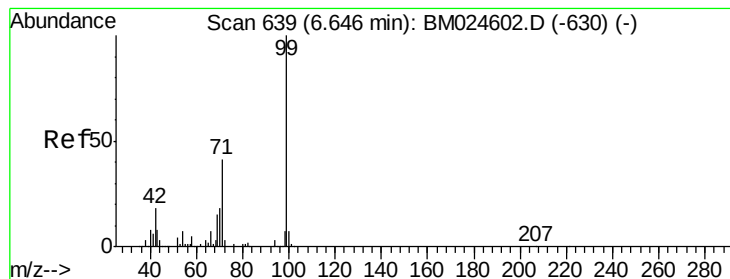


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 81.775 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024659.D

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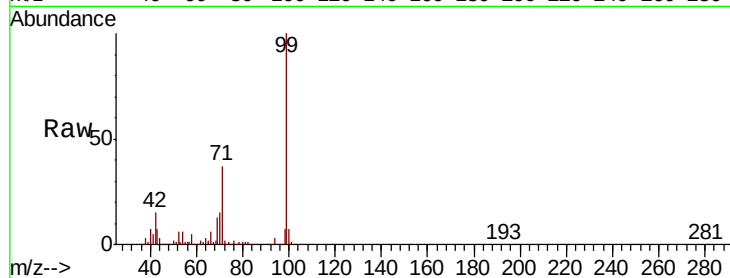
Tot Ion: 99 Resp: 1070391

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

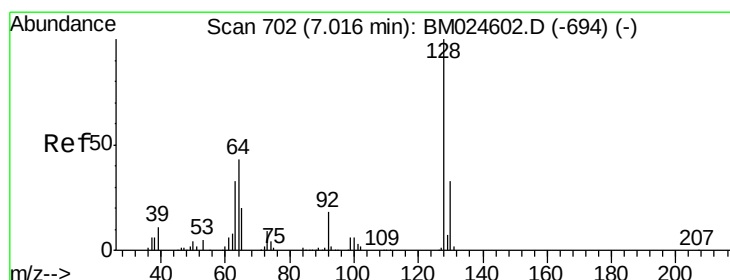
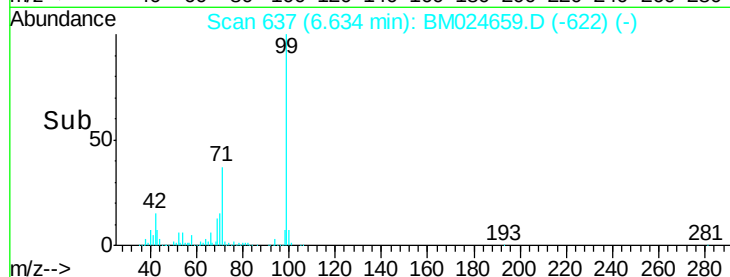
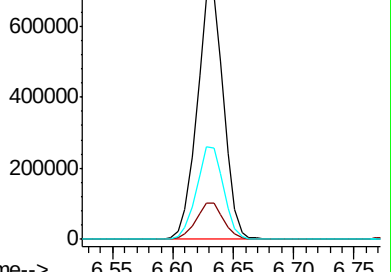
71 37.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024602.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024602.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024602.D (-630) (-)



#8

2-Chlorophenol

Concen: 43.932 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

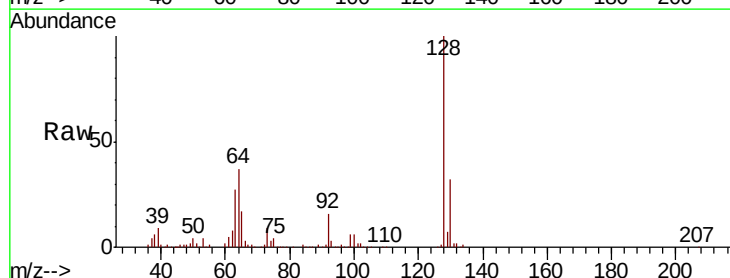
Tgt Ion: 128 Resp: 475196

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

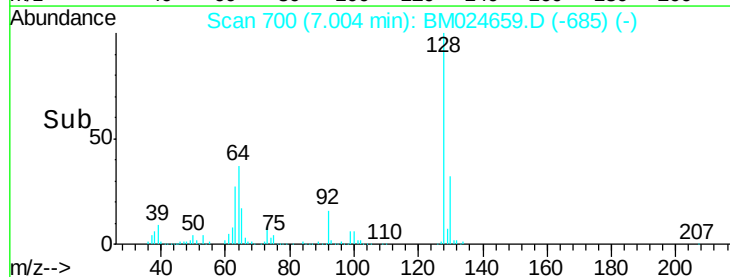
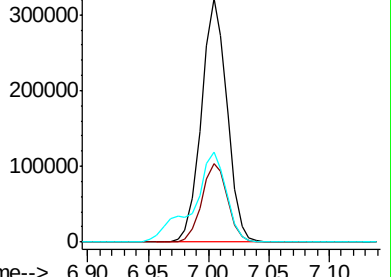
64 36.9 26.1 66.1

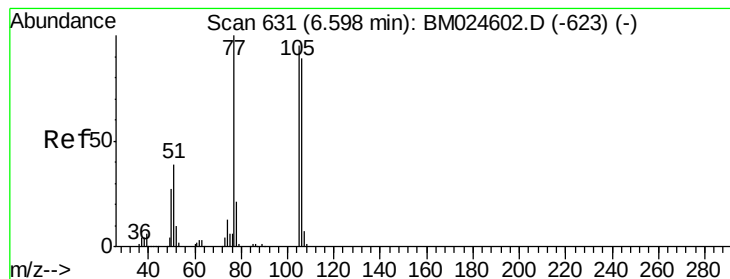


Abundance Ion 128.00 (127.70 to 128.70): BM024602.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024602.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024602.D (-694) (-)





#9

Benzaldehyde

Concen: 36.967 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

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ClientSampleId :

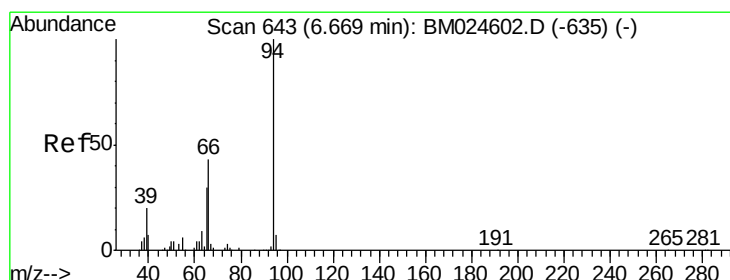
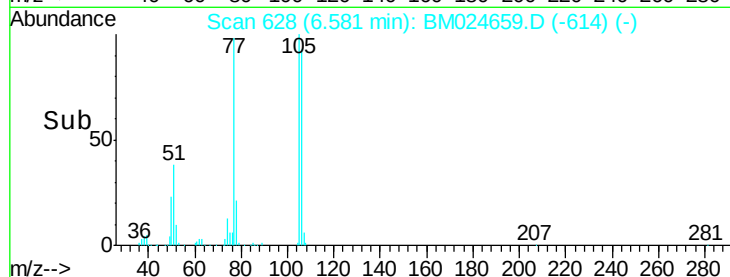
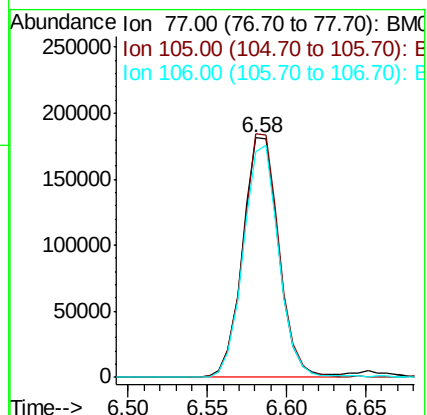
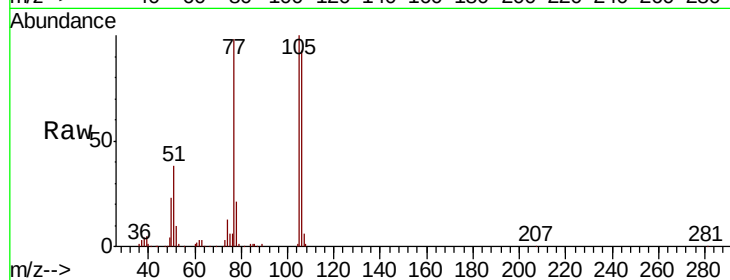
Tot Ion: 77 Resp: 285913

Ion Ratio Lower Upper

77 100

105 101.6 75.2 115.2

106 94.3 68.6 108.6



#10

Phenol

Concen: 40.386 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

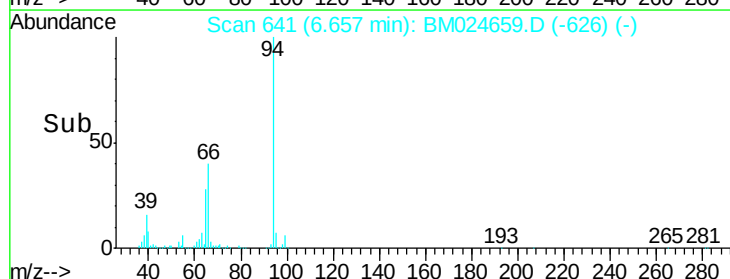
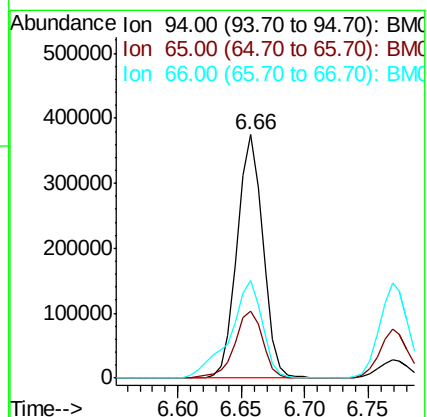
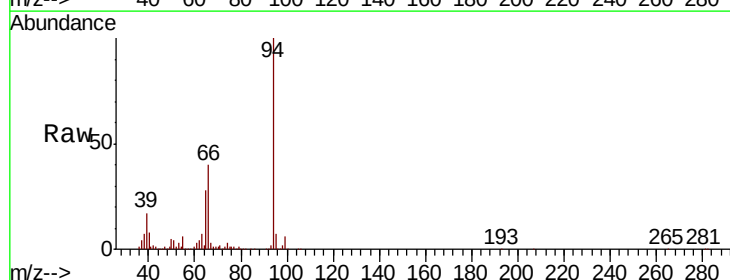
Tgt Ion: 94 Resp: 526951

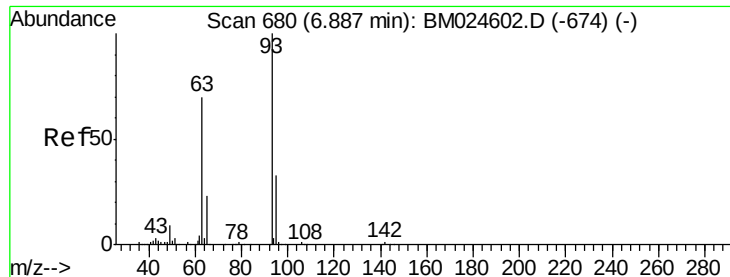
Ion Ratio Lower Upper

94 100

65 27.6 10.3 50.3

66 39.9 24.8 64.8

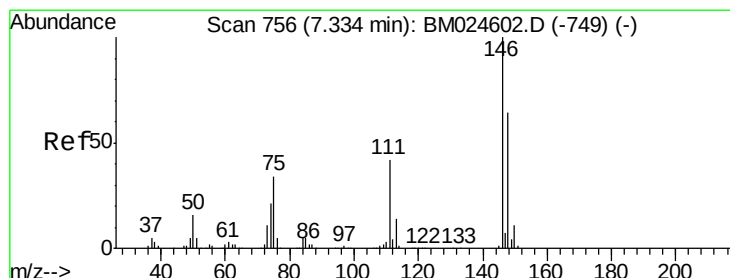
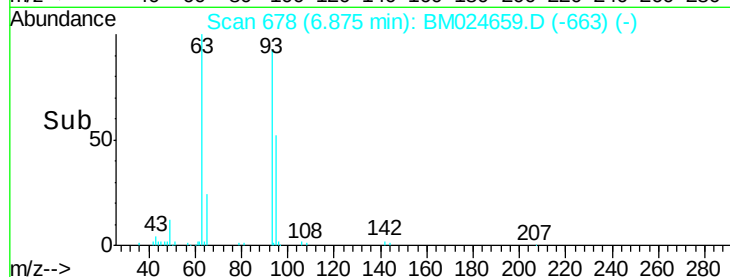
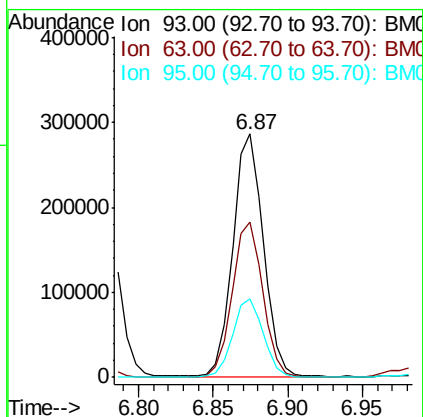
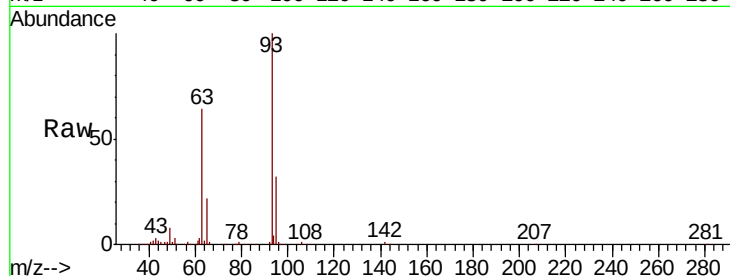




#11
 bis(2-Chloroethyl)ether
 Concen: 38.772 ng
 RT: 6.87 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

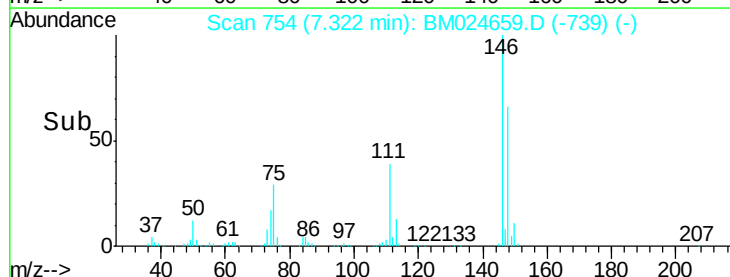
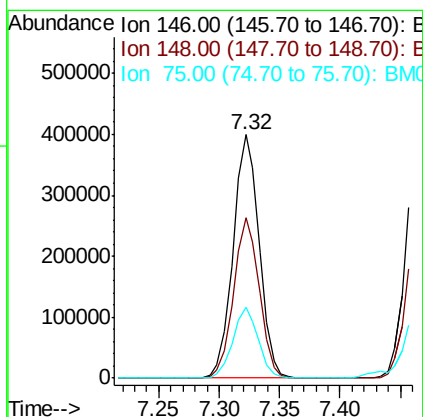
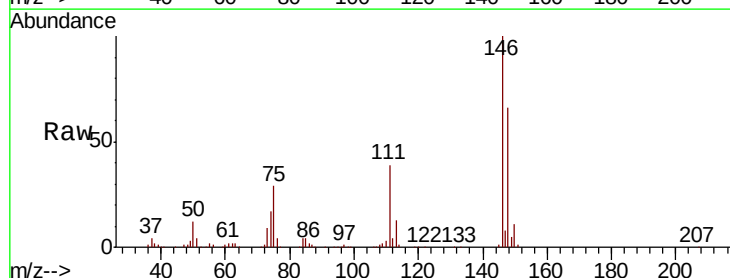
Instrument :
 BNA_M
 ClientSampleId :

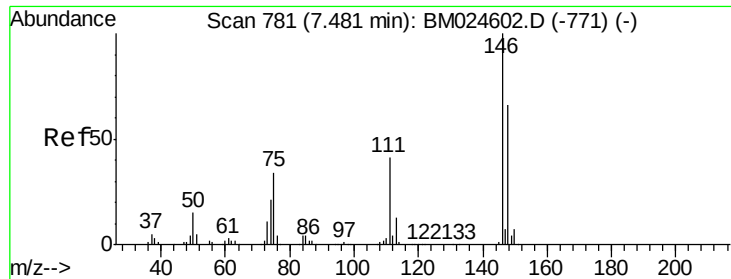
Tot Ion	Ratio	Lower	Upper
93	100		
63	63.5	49.6	89.6
95	32.0	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 45.142 ng
 RT: 7.32 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
75	29.0	27.0	40.4

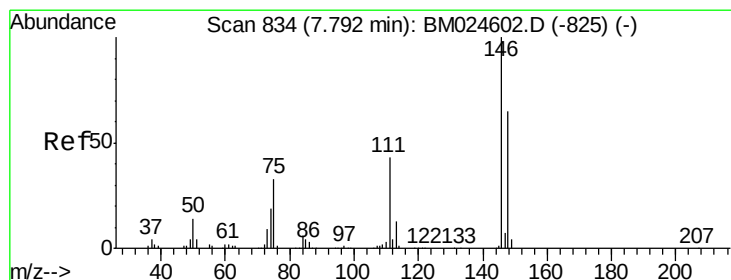
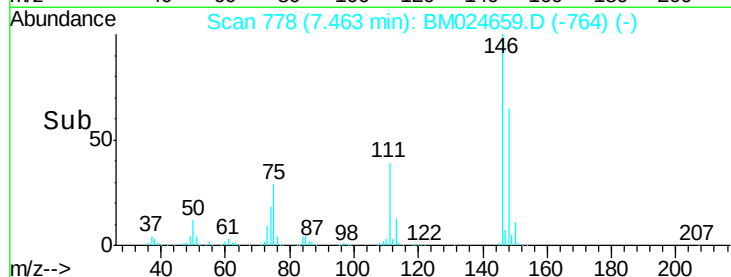
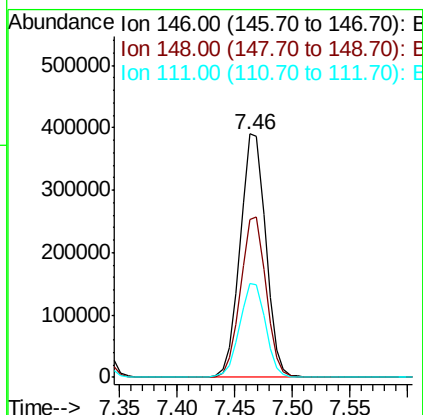
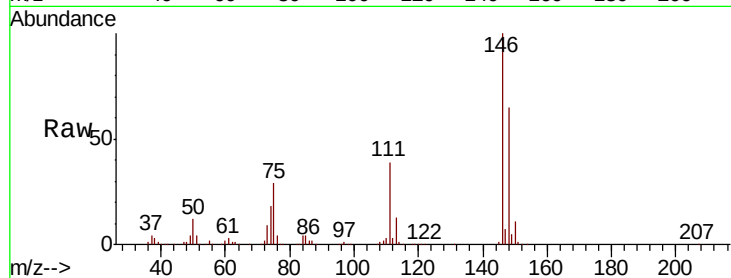




#13
 1,4-Dichlorobenzene
 Concen: 44.802 ng
 RT: 7.46 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

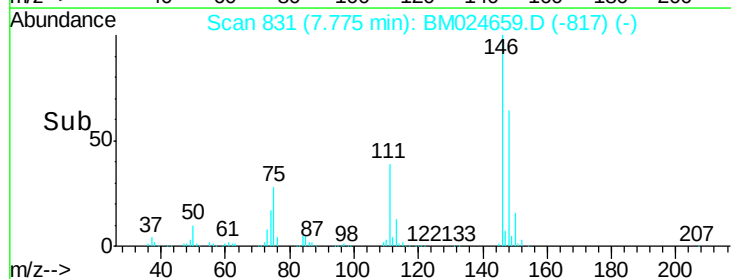
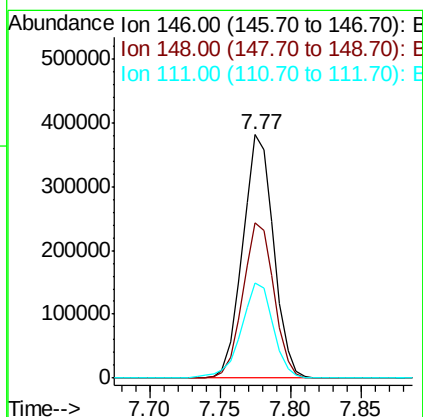
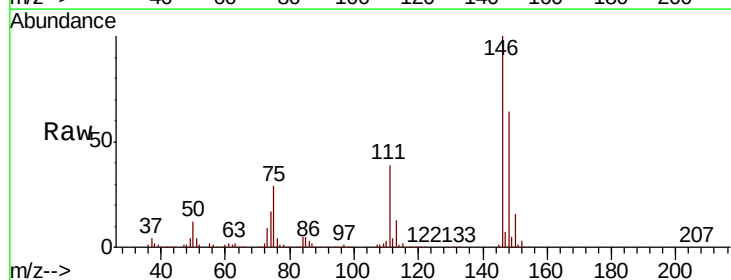
Instrument :
 BNA_M
 ClientSampleId :

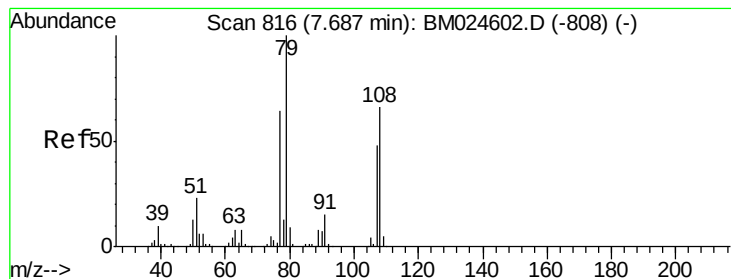
Tot Ion:146 Resp: 603969
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.5 78.7
 111 38.6 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 44.834 ng
 RT: 7.77 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:146 Resp: 583416
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 39.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 37.462 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

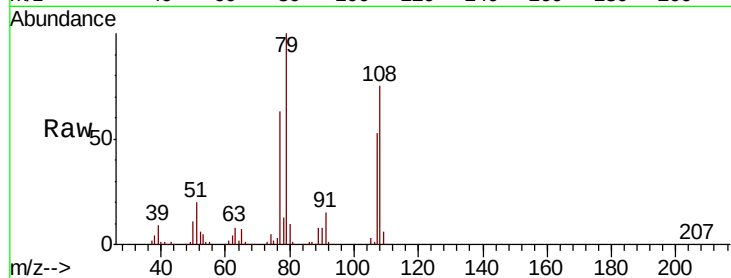
Tot Ion: 79 Resp: 404297

Ion Ratio Lower Upper

79 100

108 74.7 53.0 79.4

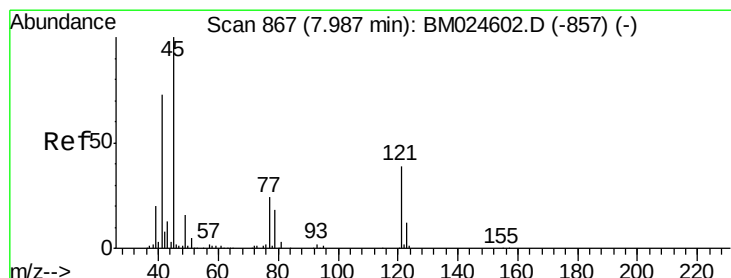
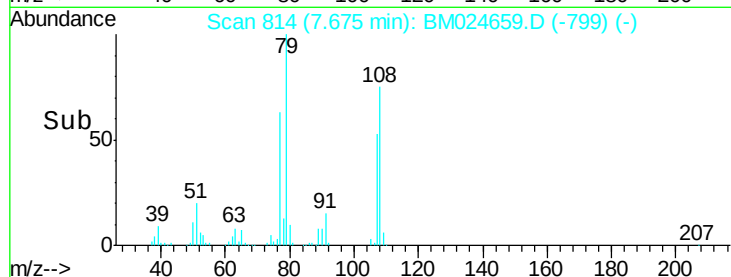
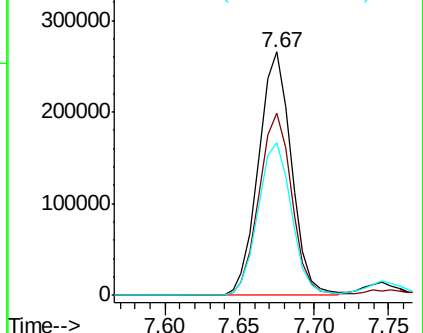
77 62.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.901 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

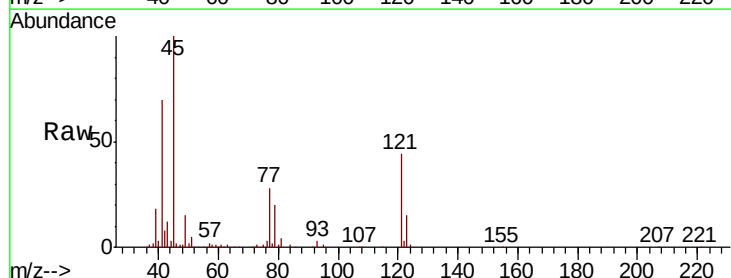
Tgt Ion: 45 Resp: 324174

Ion Ratio Lower Upper

45 100

77 27.8 5.2 45.2

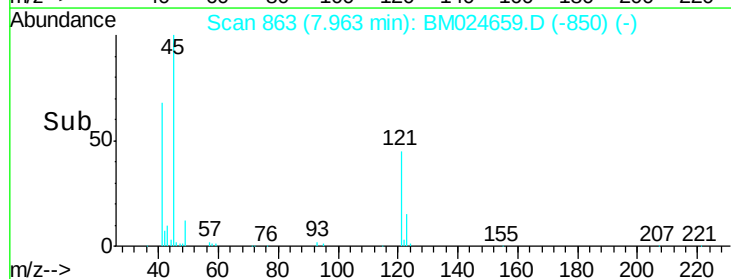
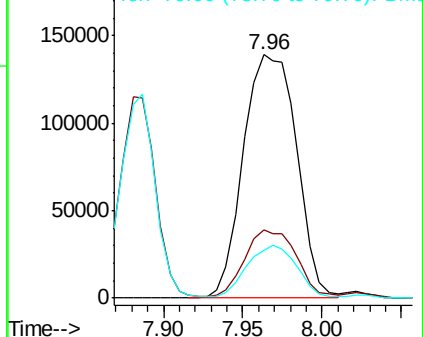
79 19.7 0.0 39.4

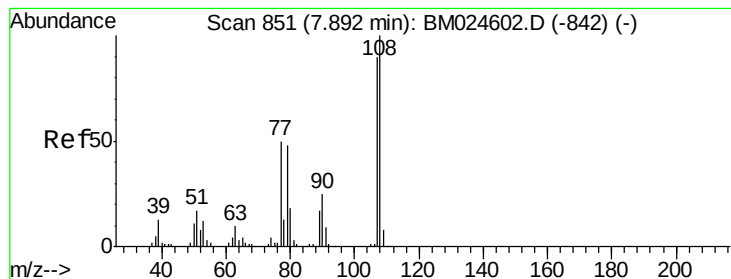


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)

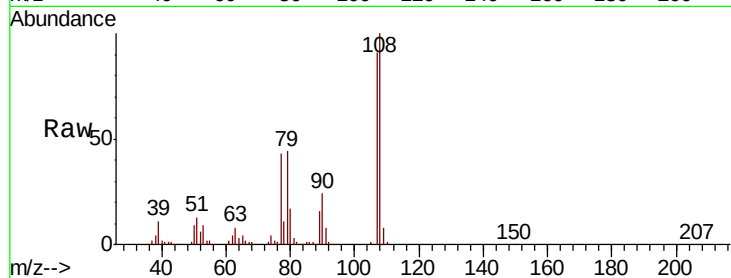




#17
2-Methylphenol
Concen: 40.485 ng
RT: 7.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	88.9	133.3
77	47.1	44.5	66.7
79	48.1	42.9	64.3



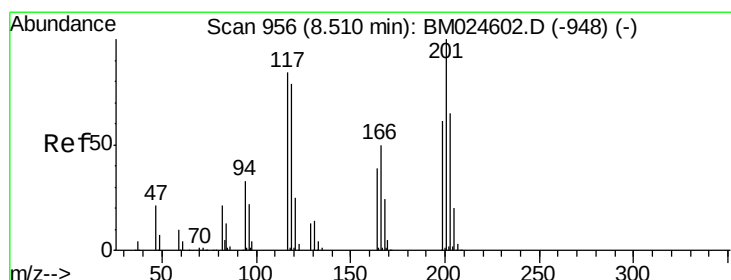
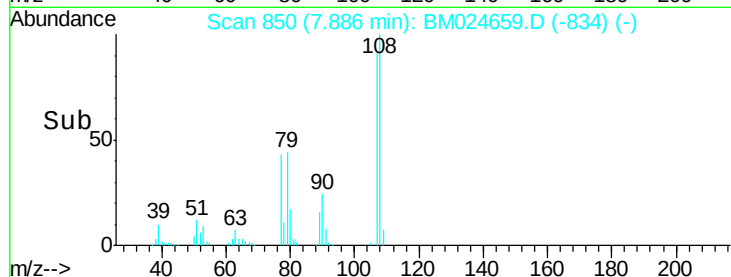
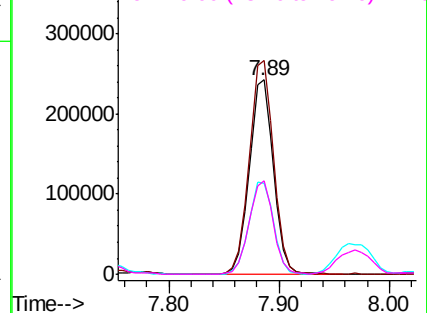
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

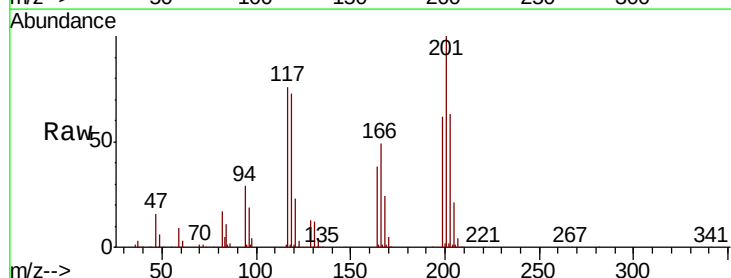
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 40.245 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.4	113.2
201	131.5	95.8	143.6

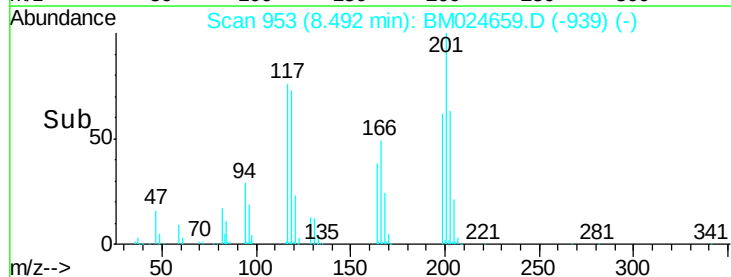
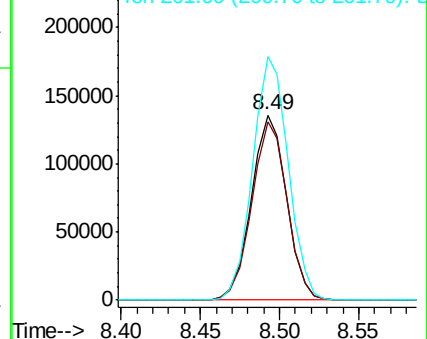


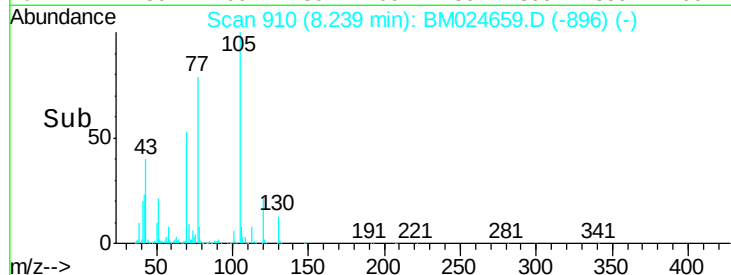
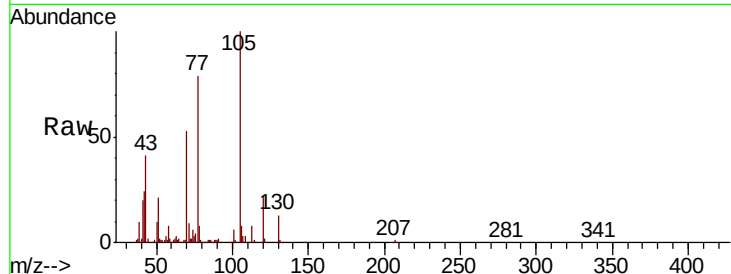
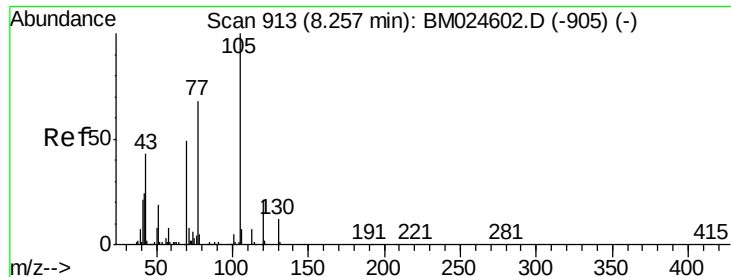
Abundance

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

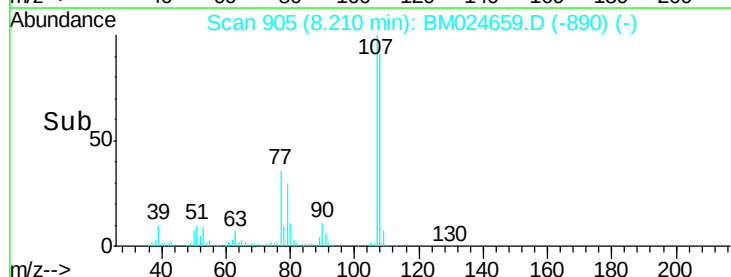
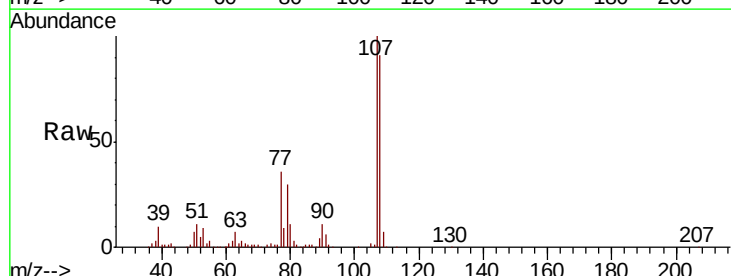
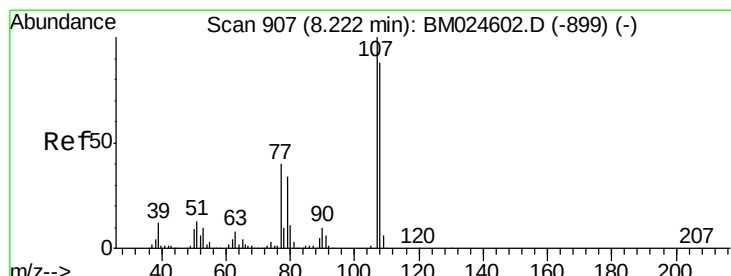
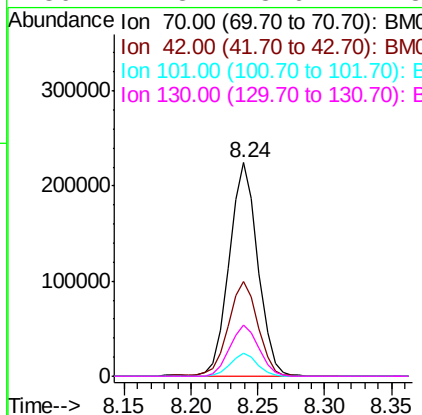




#19
n-Nitroso-di-n-propylamine
Concen: 34.184 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

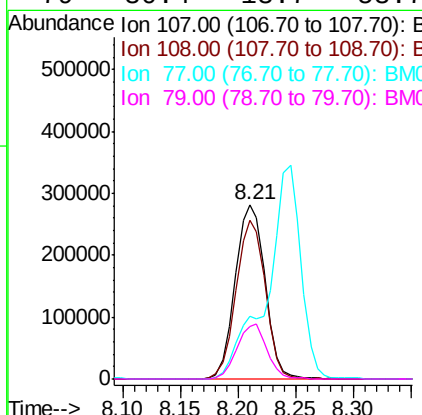
Instrument :
BNA_M
ClientSampleId :

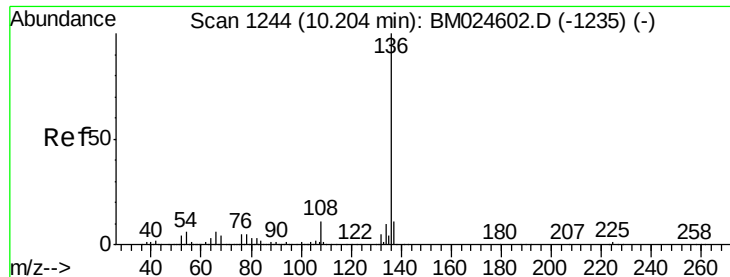
Tot Ion:	70	Resp:	335950
Ion	Ratio	Lower	Upper
70	100		
42	44.4	40.0	60.0
101	10.7	8.2	12.2
130	24.3	18.6	27.8



#20
3+4-Methylphenols
Concen: 39.689 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:	107	Resp:	505167
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.0	108.0
77	36.0	19.9	59.9
79	30.4	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 671572

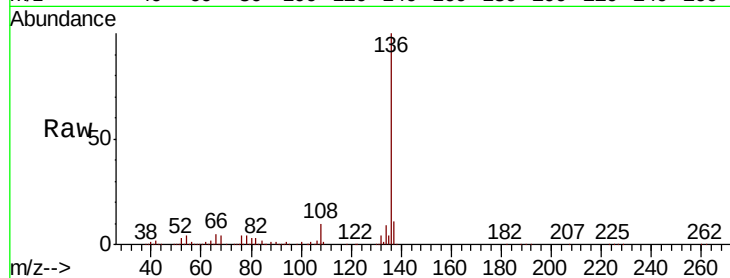
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.0 4.5 6.7#

68 4.0 3.4 5.0

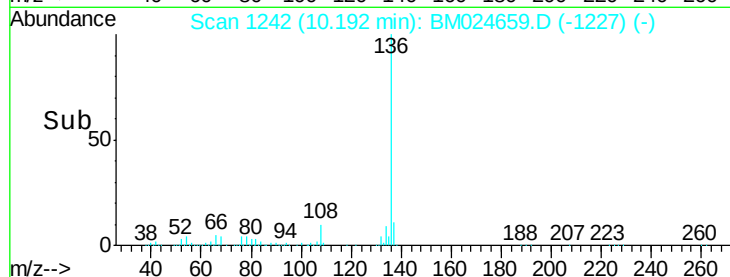


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

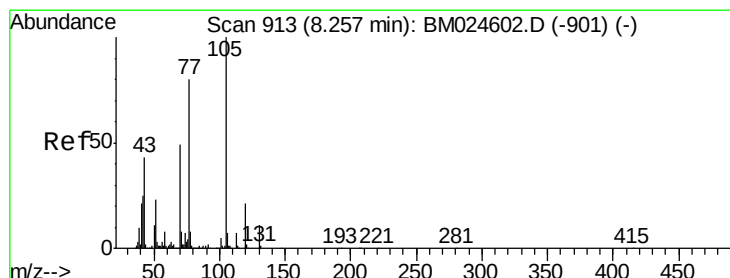
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->

10.19



#22

Acetophenone

Concen: 41.193 ng

RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:105 Resp: 713328

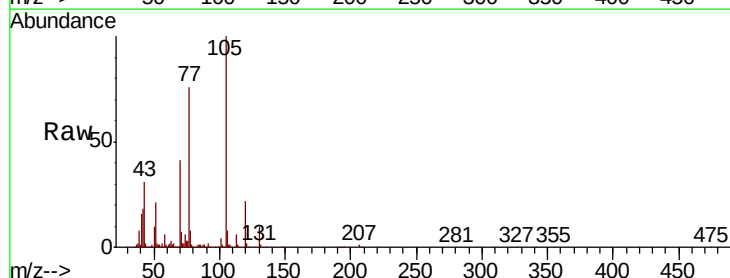
Ion Ratio Lower Upper

105 100

71 7.0 6.7 10.1

51 20.9 18.5 27.7

120 22.5 16.6 25.0

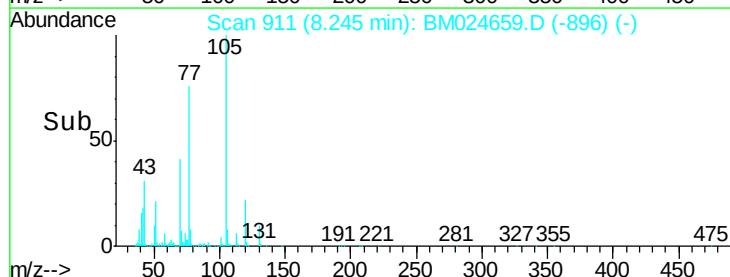


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

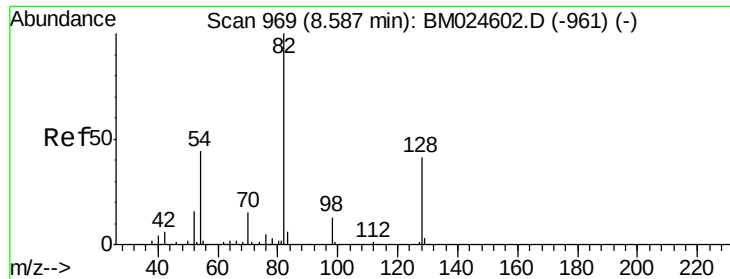
Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



Time-->

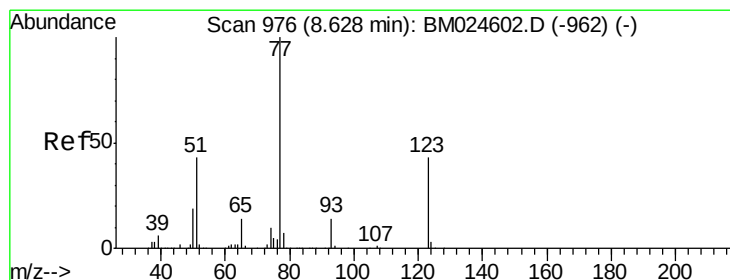
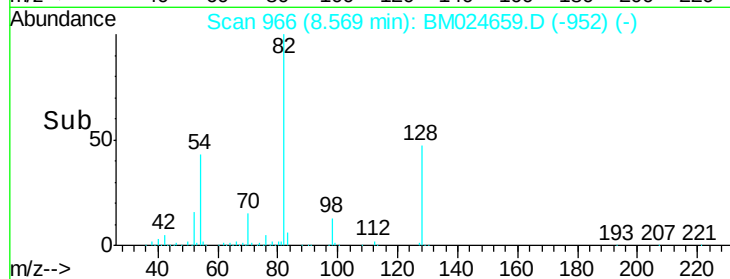
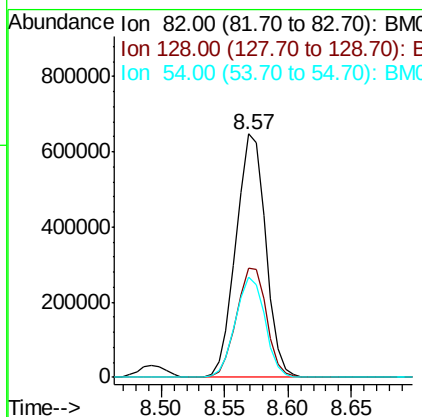
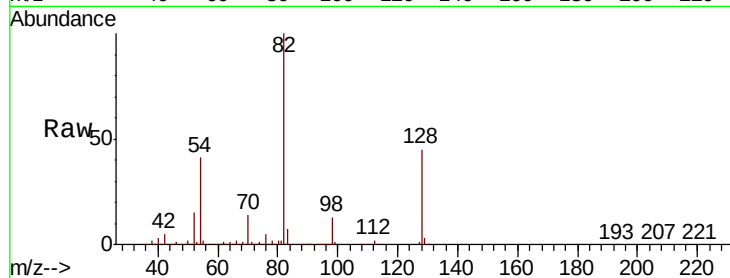
8.25



#23
 Nitrobenzene-d5
 Concen: 76.948 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

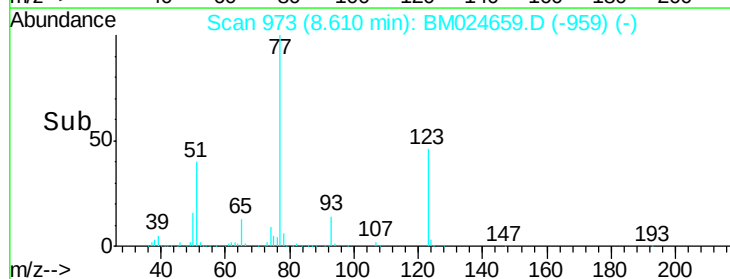
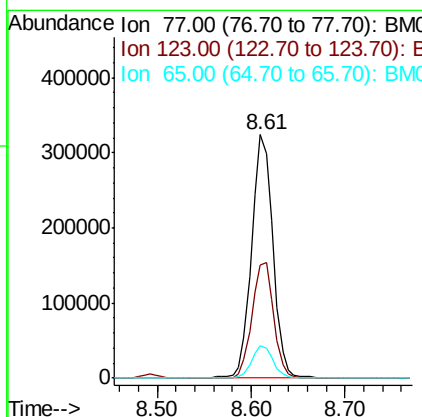
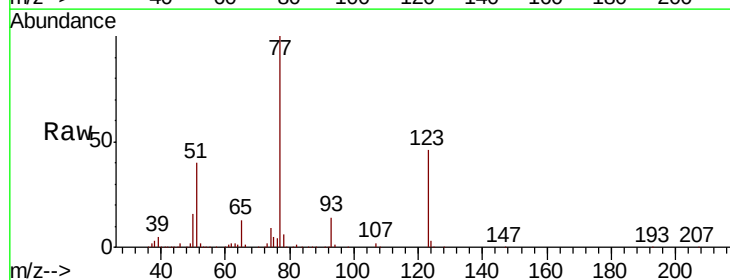
Instrument :
 BNA_M
 ClientSampled :

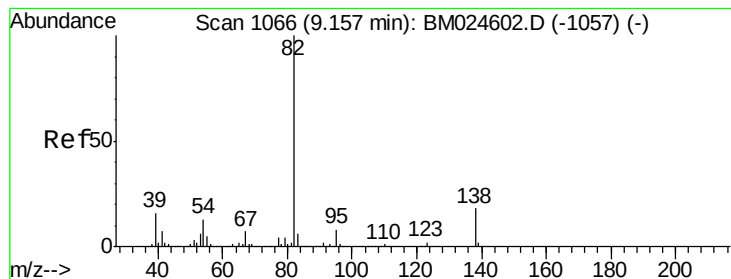
Tot Ion: 82 Resp: 1053729
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.6 48.8
 54 41.0 34.8 52.2



#24
 Nitrobenzene
 Concen: 38.619 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion: 77 Resp: 506787
 Ion Ratio Lower Upper
 77 100
 123 46.2 34.6 52.0
 65 13.3 11.0 16.4





#25

Isophorone

Concen: 37.945 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

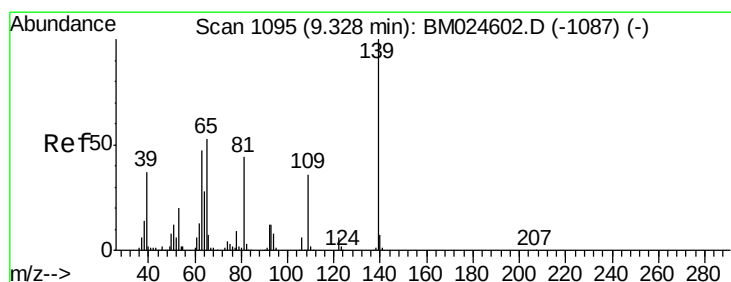
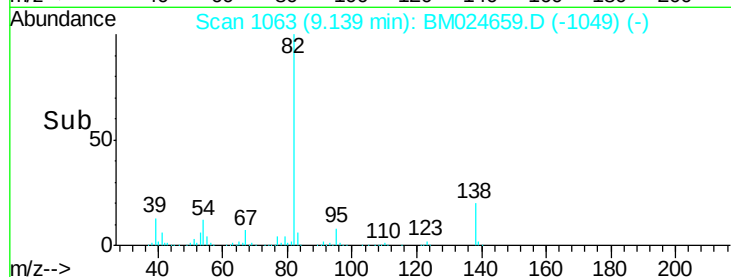
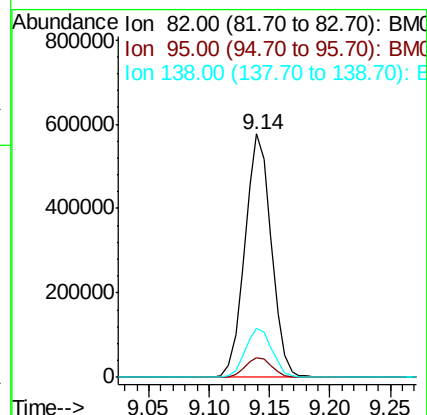
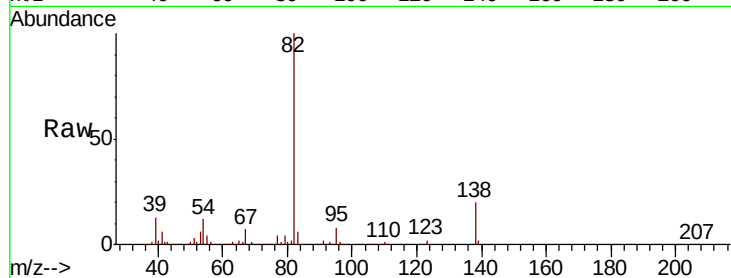
Tot Ion: 82 Resp: 882905

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

138 20.4 14.7 22.1



#26

2-Nitrophenol

Concen: 45.904 ng

RT: 9.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

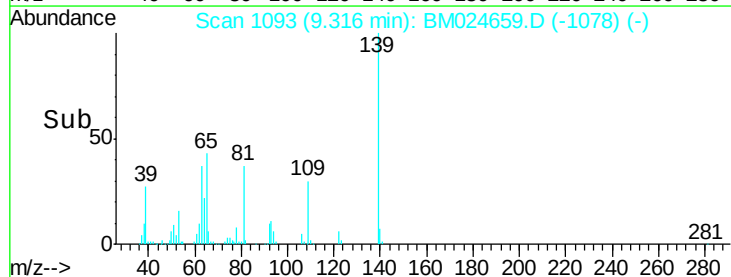
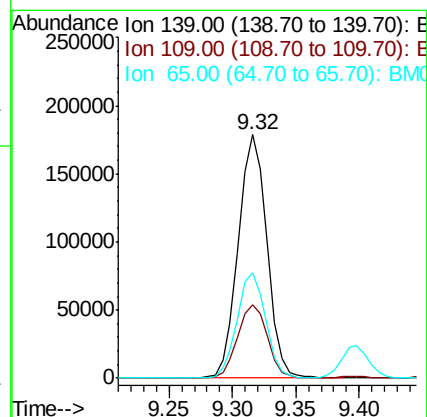
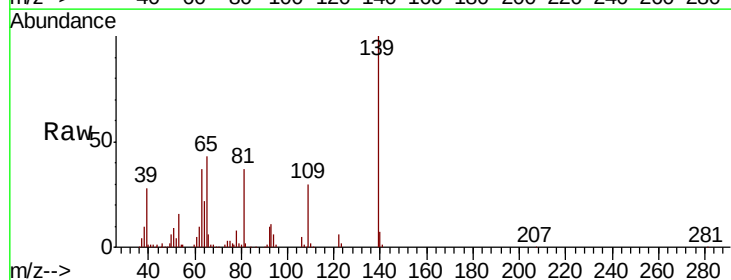
Tgt Ion: 139 Resp: 278933

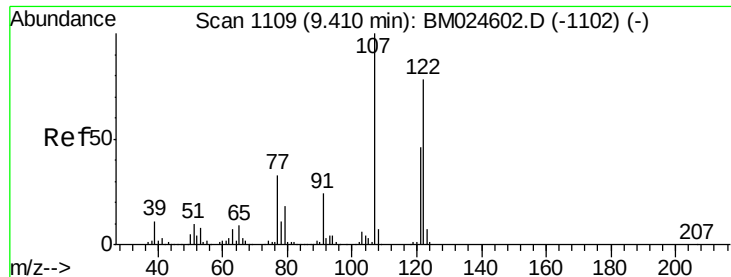
Ion Ratio Lower Upper

139 100

109 30.1 28.8 43.2

65 43.1 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 43.248 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

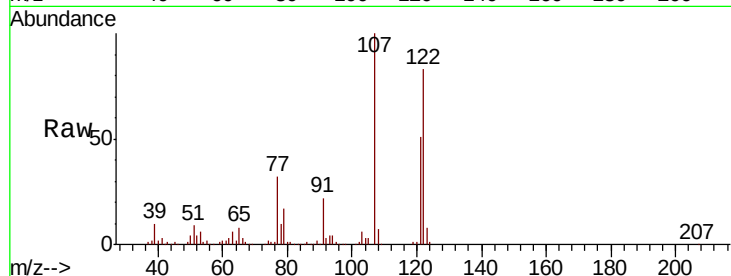
Tot Ion:122 Resp: 357113

Ion Ratio Lower Upper

122 100

107 120.8 102.5 153.7

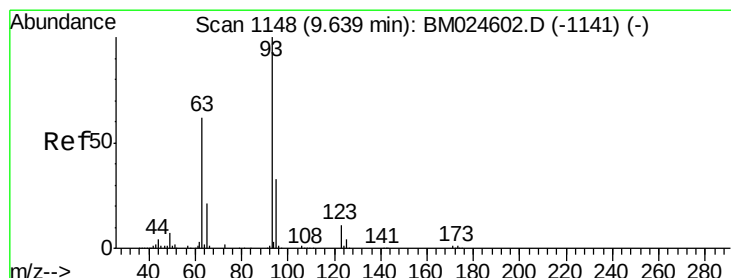
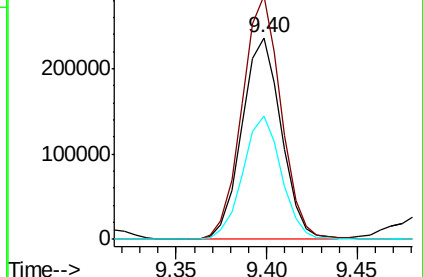
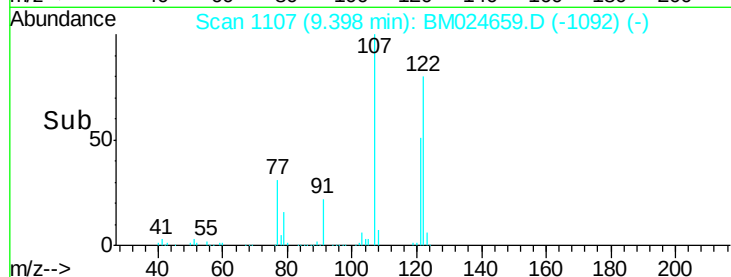
121 61.1 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.270 ng

RT: 9.63 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

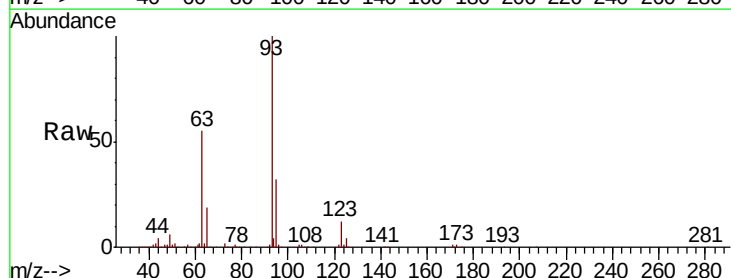
Tgt Ion: 93 Resp: 572399

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

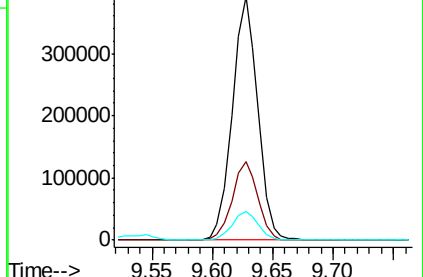
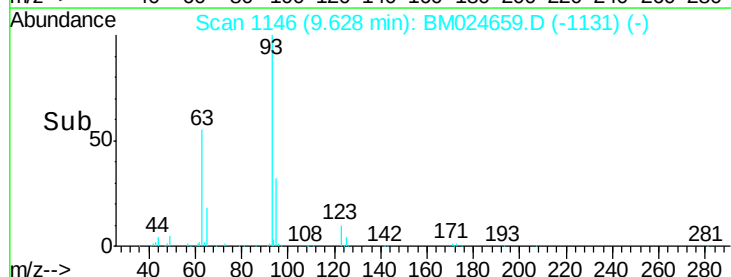
123 11.9 8.7 13.1

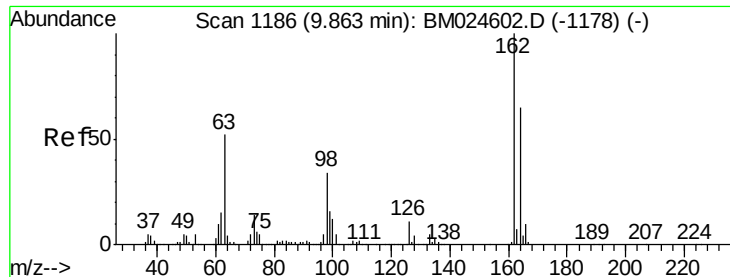


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

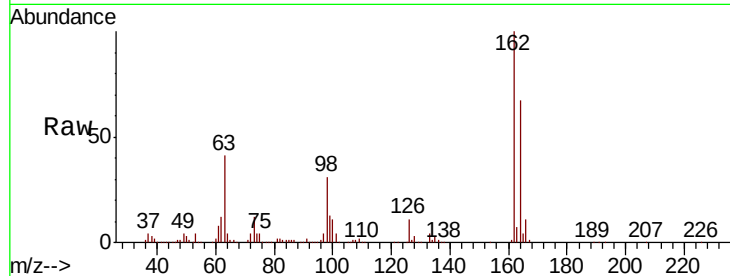




#29
2,4-Dichlorophenol
Concen: 46.024 ng
RT: 9.85 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	44.5	84.5
98	30.6	14.2	54.2

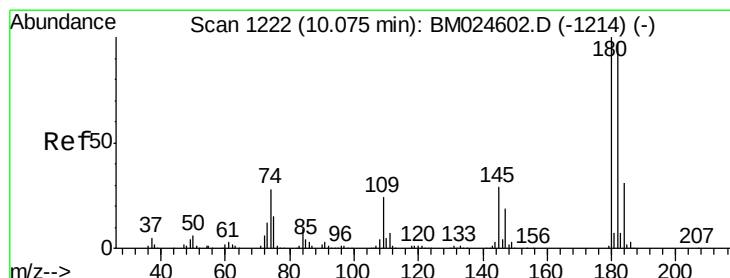
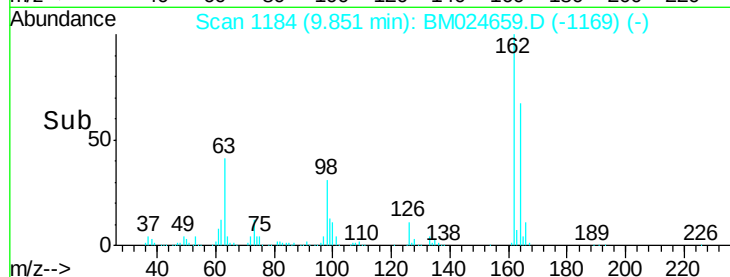
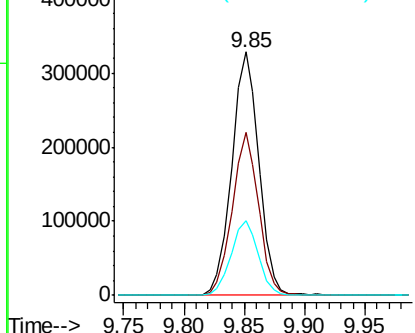


Abundance

Ion 162.00 (161.70 to 162.70): E

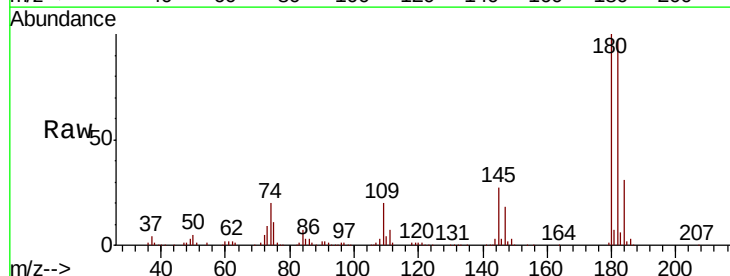
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 46.548 ng
RT: 10.06 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
145	27.4	22.9	34.3

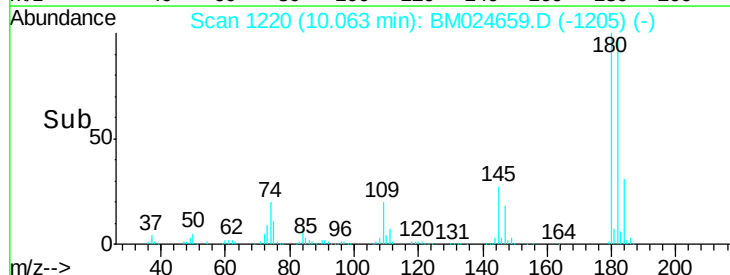
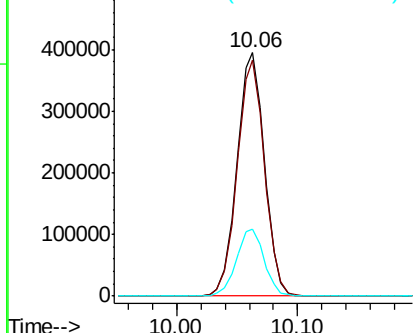


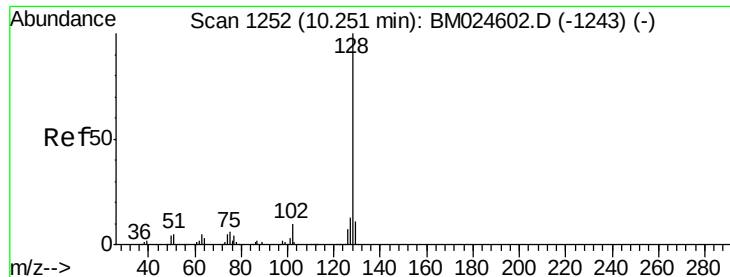
Abundance

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

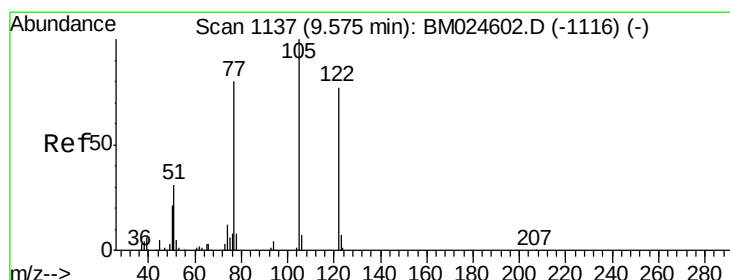
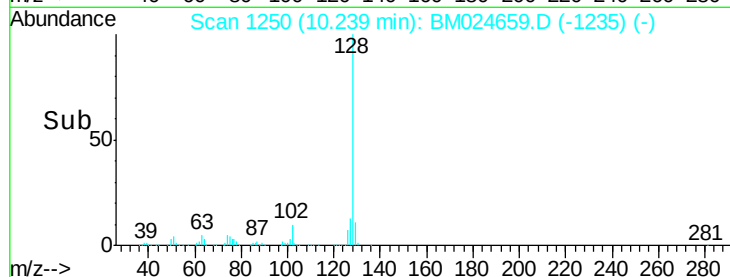
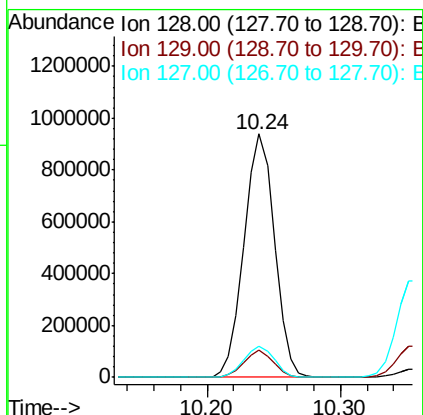
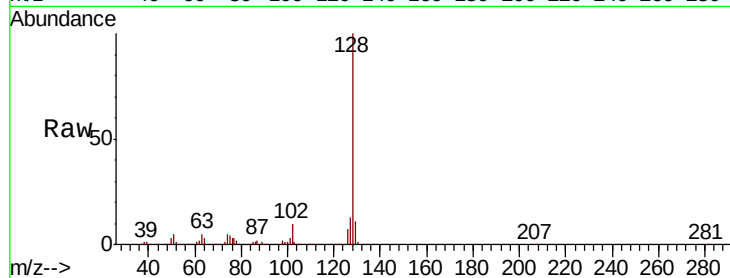




#31
Naphthalene
Concen: 43.683 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

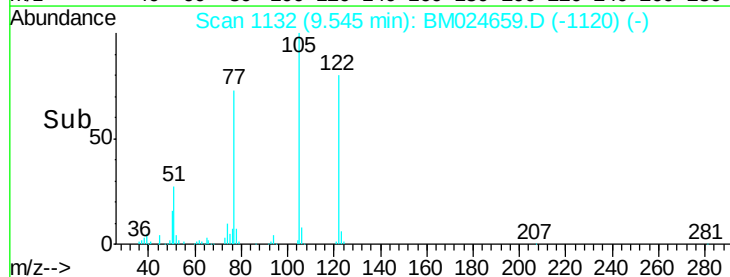
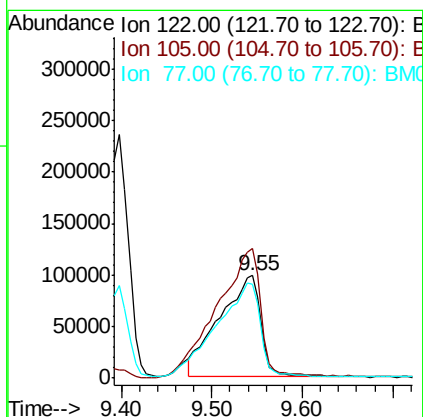
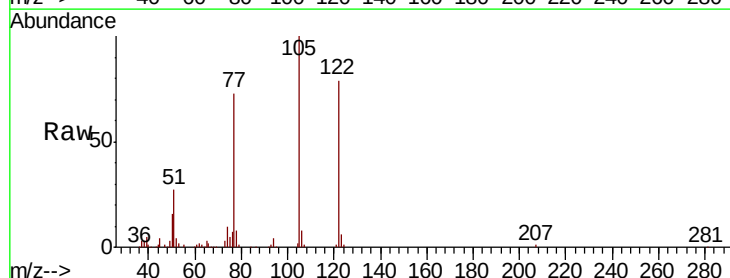
Instrument :
BNA_M
ClientSampleId :

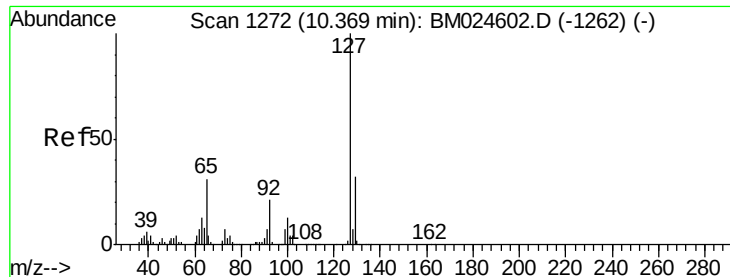
Tot Ion:128 Resp: 1481691
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 40.497 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:122 Resp: 305895
Ion Ratio Lower Upper
122 100
105 126.1 107.7 147.7
77 92.0 83.8 123.8

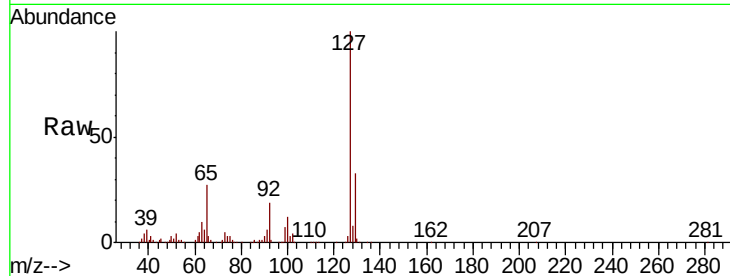




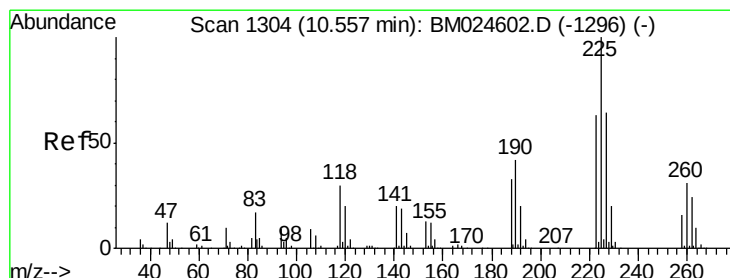
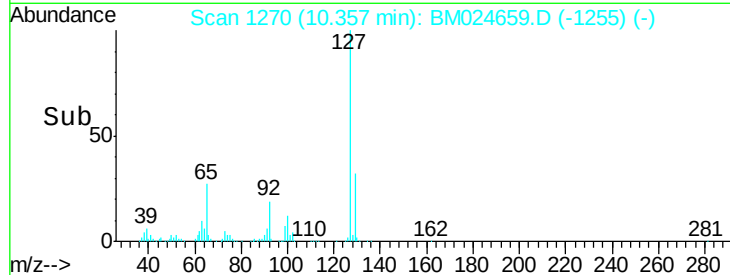
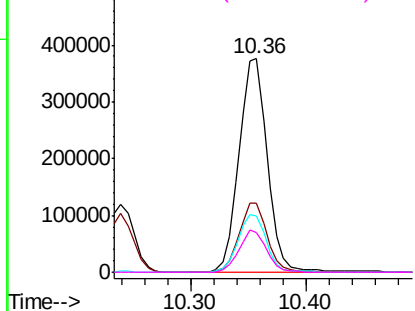
#33
4-Chloroaniline
Concen: 43.005 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	639390	
Ion Ratio	Lower	Upper	
127 100			
129 32.5	25.9	38.9	
65 26.6	25.1	37.7	
92 18.8	16.6	25.0	

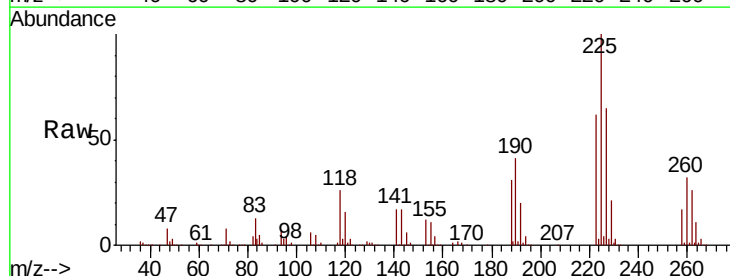


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

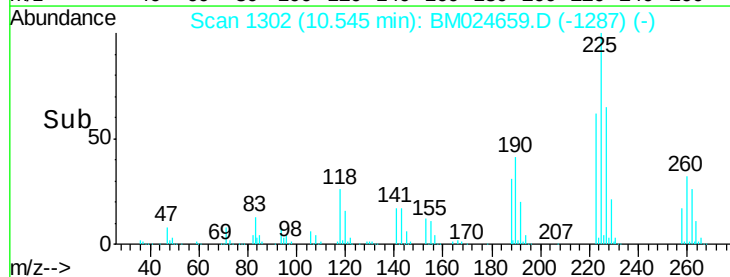
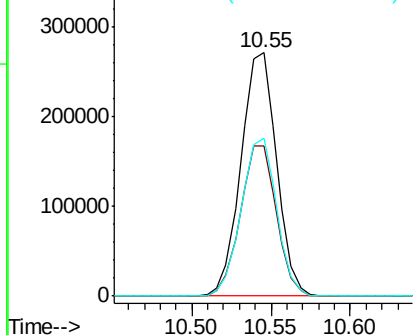


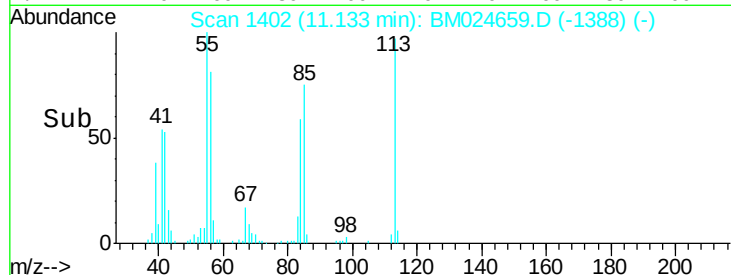
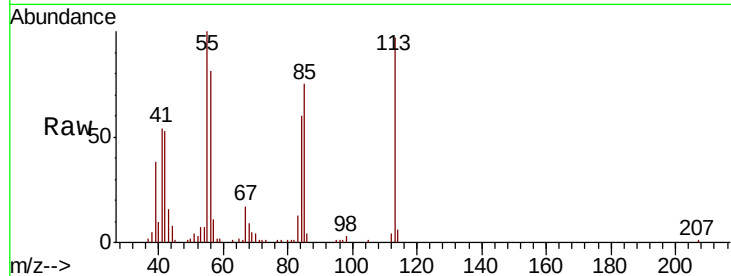
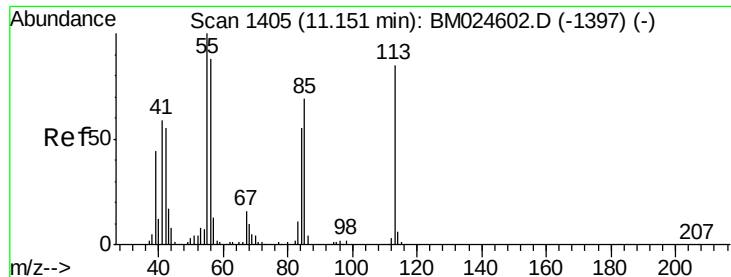
#34
Hexachlorobutadiene
Concen: 45.624 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt	Ion:225	Resp:	424349
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	64.7	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

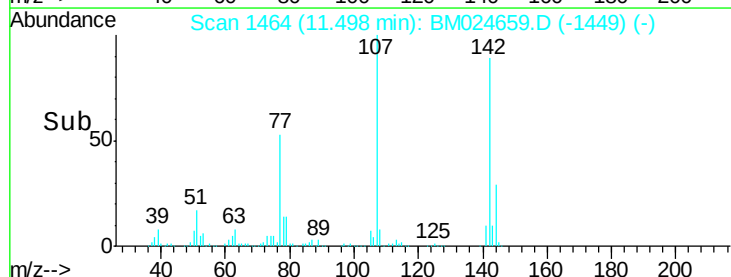
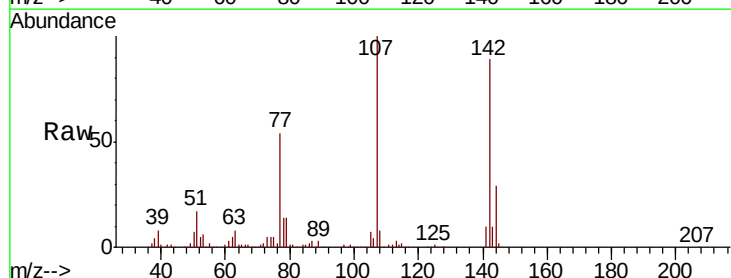
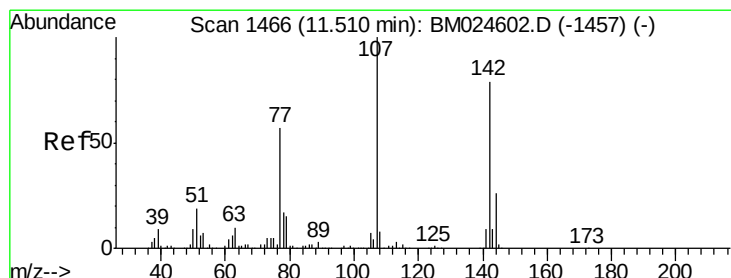
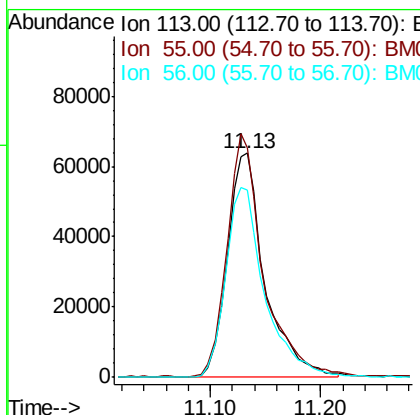




#35
Caprolactam
Concen: 42.339 ng
RT: 11.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

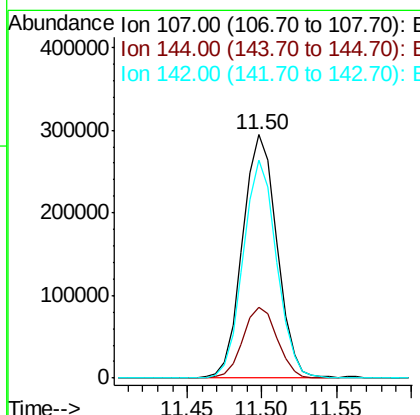
Instrument :
BNA_M
ClientSampleId :

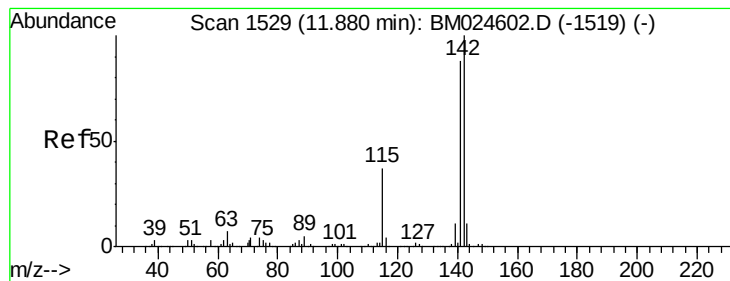
Tot Ion:113 Resp: 151539
Ion Ratio Lower Upper
113 100
55 102.6 97.5 137.5
56 83.5 83.4 123.4



#36
4-Chloro-3-methylphenol
Concen: 39.709 ng
RT: 11.50 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:107 Resp: 471053
Ion Ratio Lower Upper
107 100
144 29.1 20.5 30.7
142 89.4 62.8 94.2

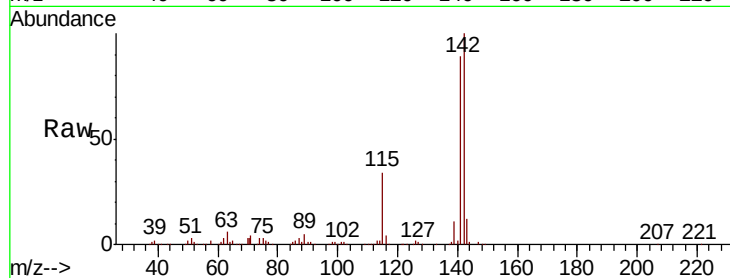




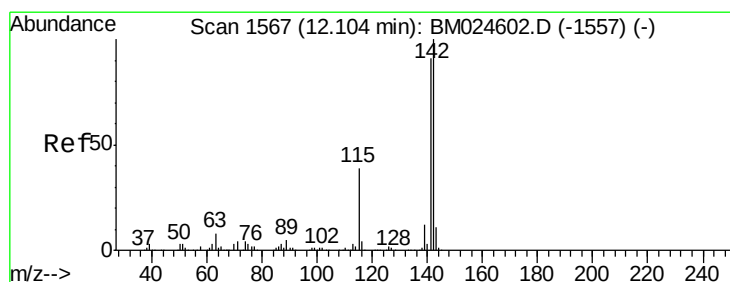
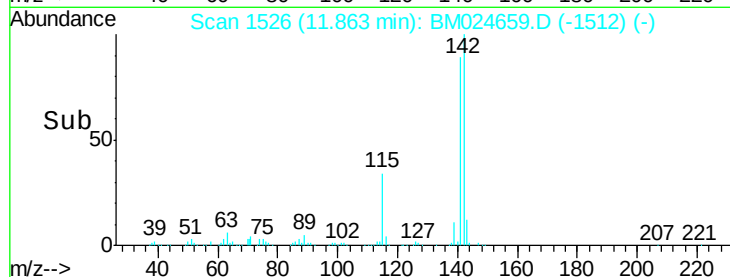
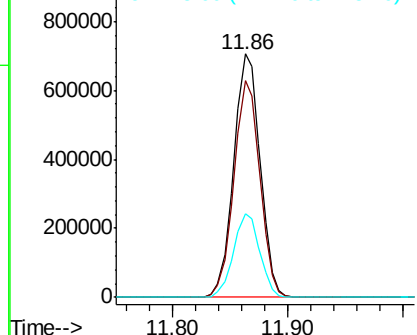
#37
 2-Methylnaphthalene
 Concen: 42.637 ng
 RT: 11.86 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1116076
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.2 105.2
 115 34.4 29.7 44.5

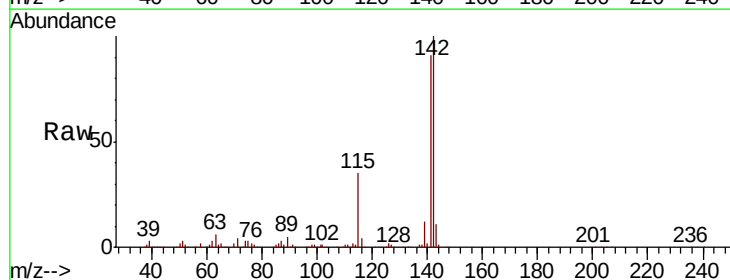


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

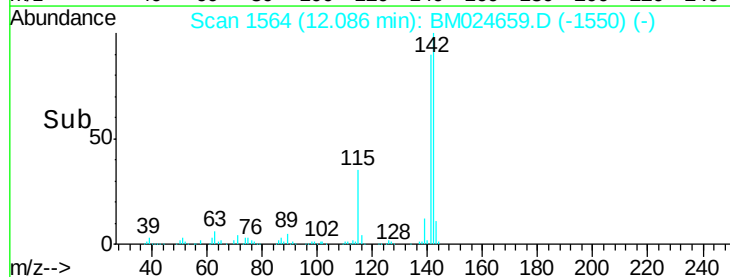
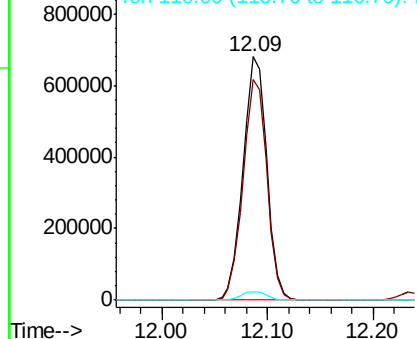


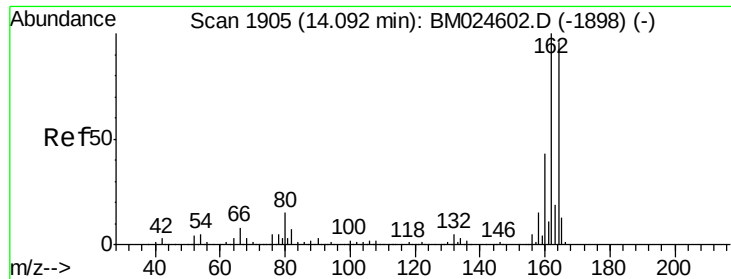
#38
 1-Methylnaphthalene
 Concen: 42.406 ng
 RT: 12.09 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:142 Resp: 1055890
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.8 109.2
 116 3.6 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

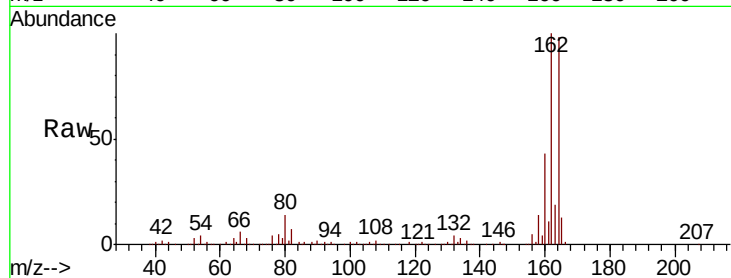
Tot Ion:164 Resp: 457636

Ion Ratio Lower Upper

164 100

162 101.8 82.9 124.3

160 43.9 35.5 53.3

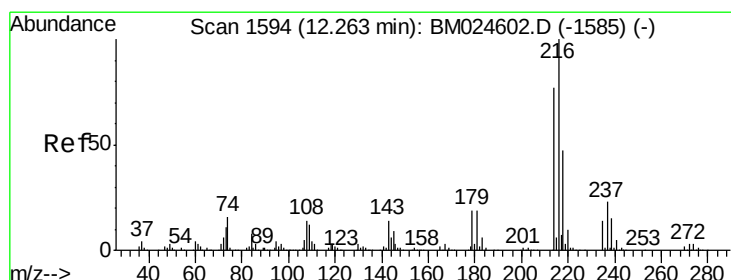
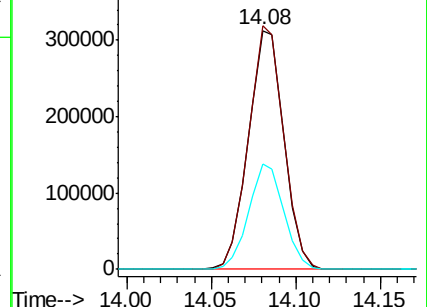
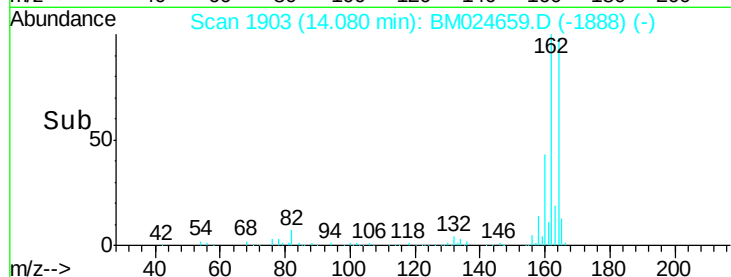


Abundance

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: 45.236 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:216 Resp: 738841

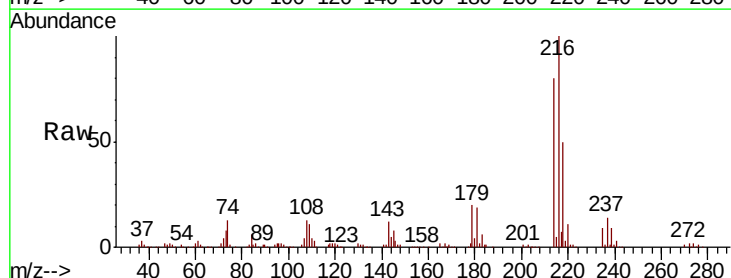
Ion Ratio Lower Upper

216 100

214 78.3 62.3 93.5

179 19.9 16.1 24.1

108 13.7 13.0 19.6



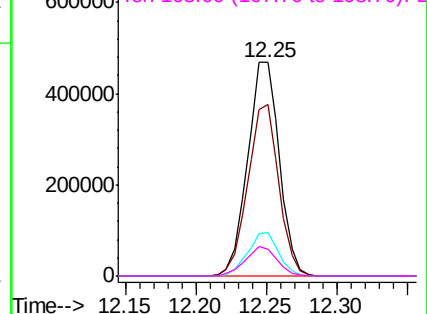
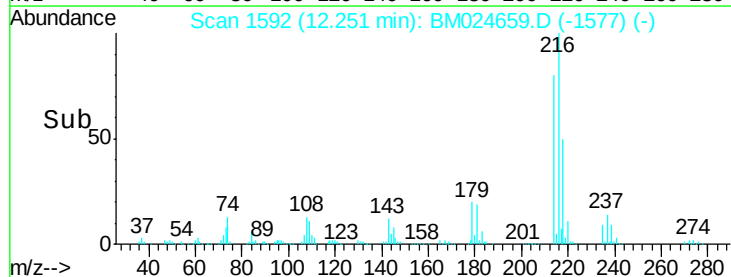
Abundance

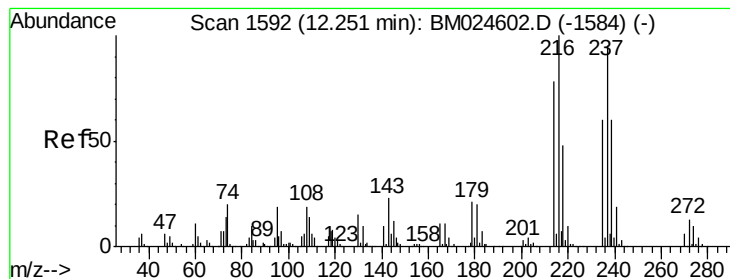
Ion 216.00 (215.70 to 216.70): E

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: 36.530 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

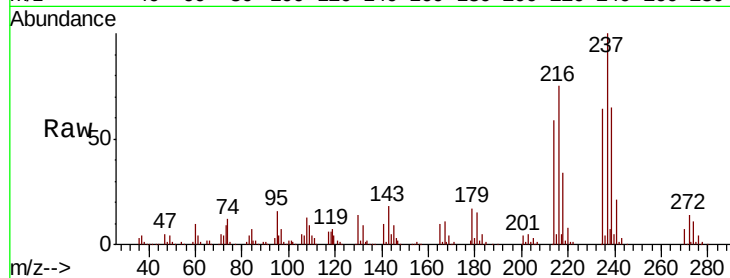
Tot Ion:237 Resp: 334434

Ion Ratio Lower Upper

237 100

235 63.8 43.3 83.3

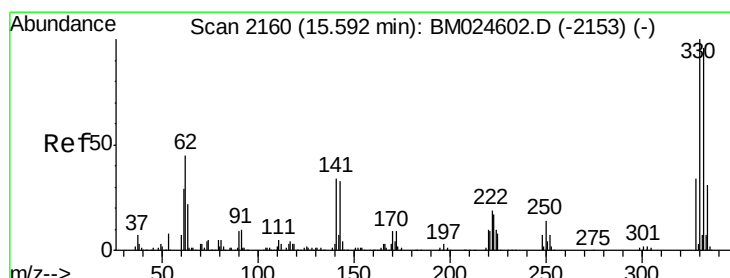
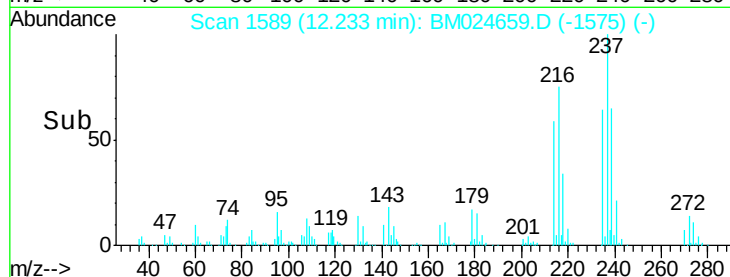
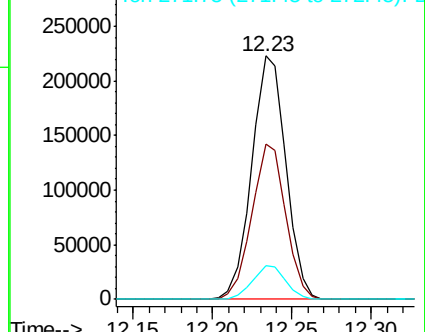
272 13.6 0.0 33.4



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: 92.349 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

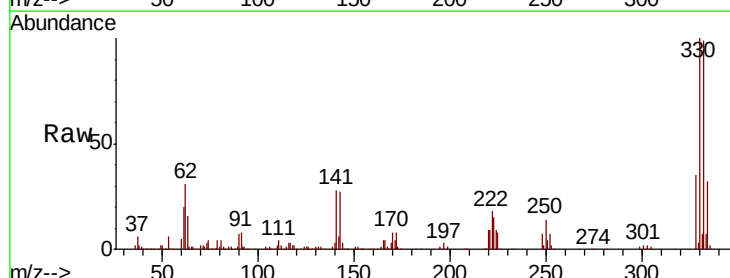
Tgt Ion:330 Resp: 687455

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

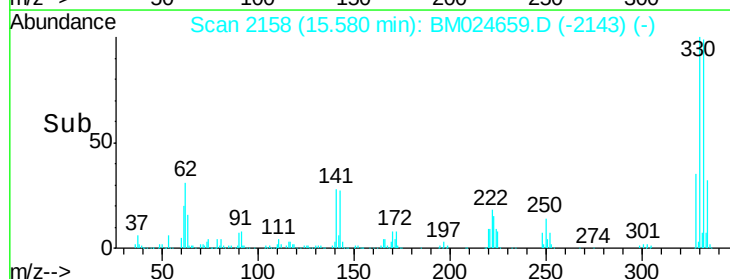
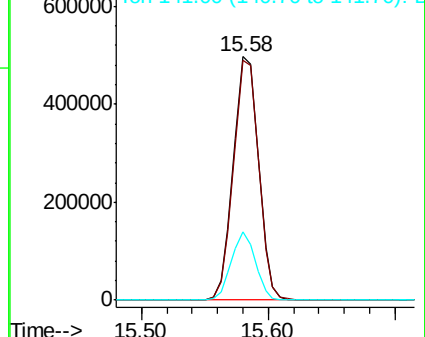
141 26.8 26.9 40.3#

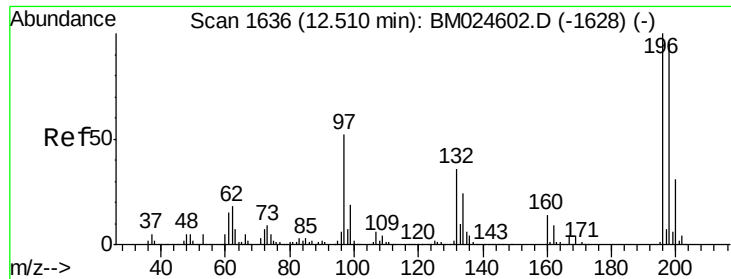


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

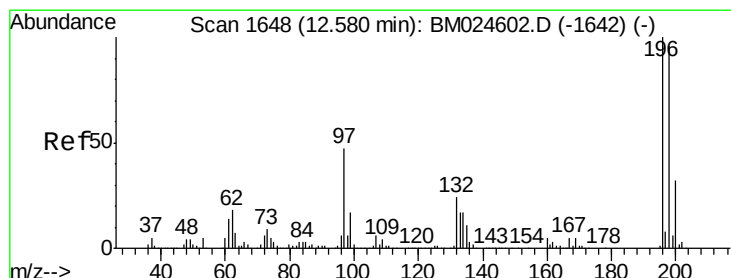
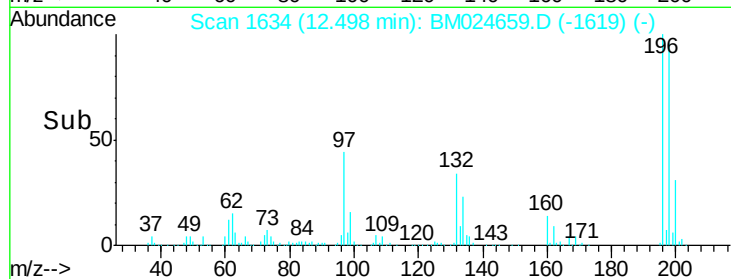
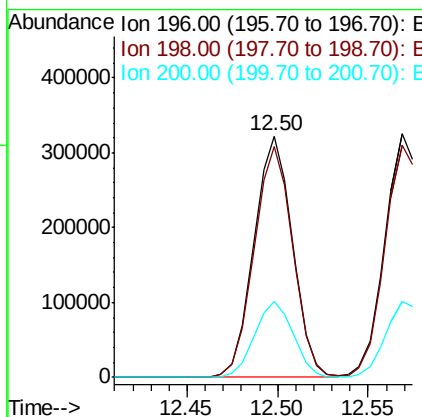
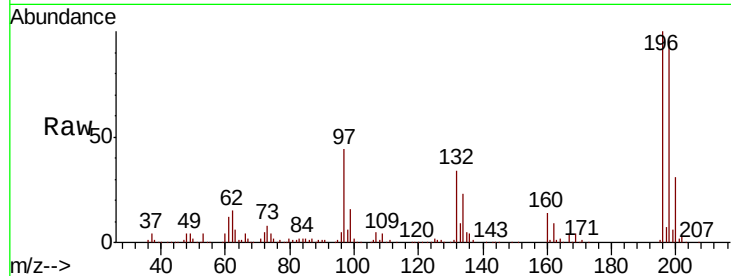




#43
 2,4,6-Trichlorophenol
 Concen: 45.647 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

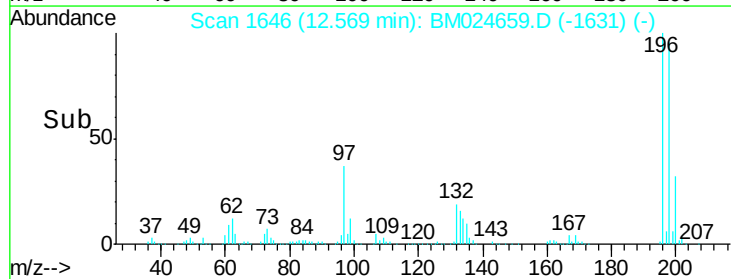
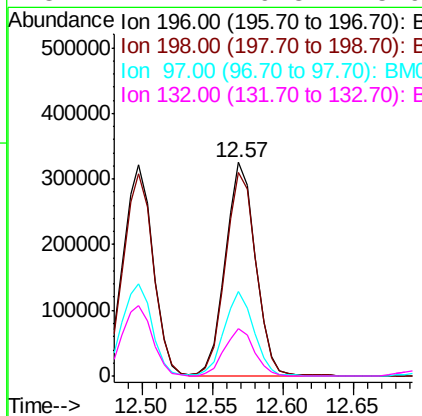
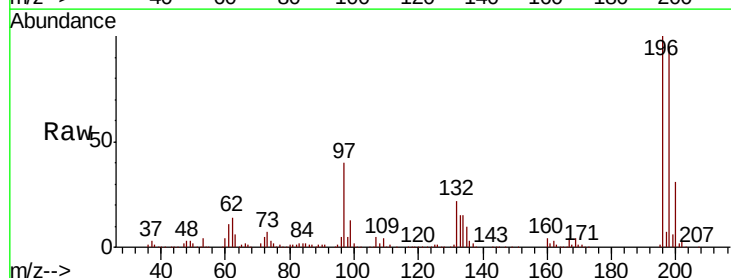
Instrument :
 BNA_M
 ClientSampleId :

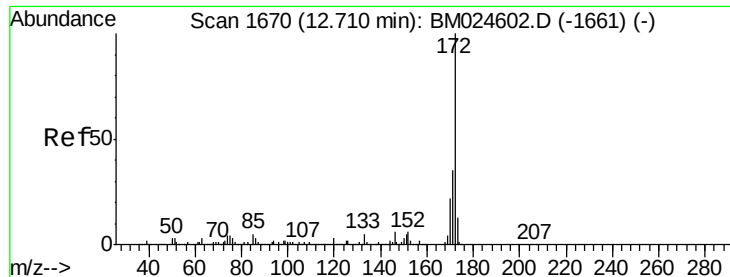
Tot Ion:196 Resp: 474437
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.5 114.7
 200 31.3 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.295 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:196 Resp: 480792
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.2 115.8
 97 39.5 37.4 56.0
 132 22.4 19.3 28.9



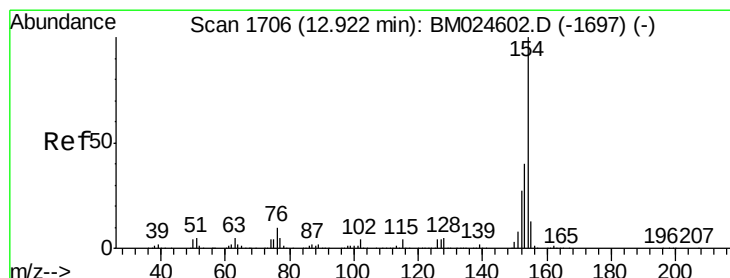
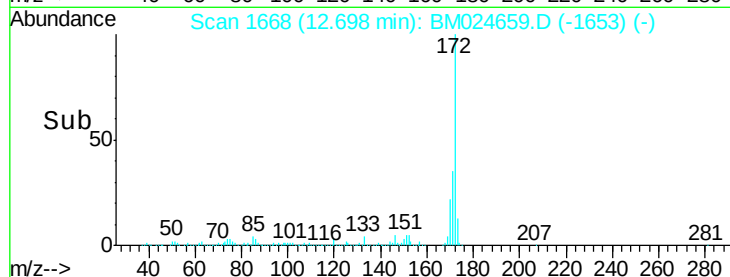
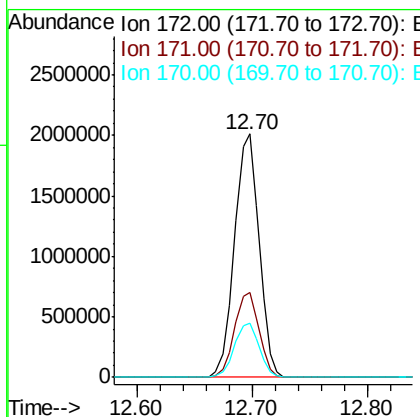
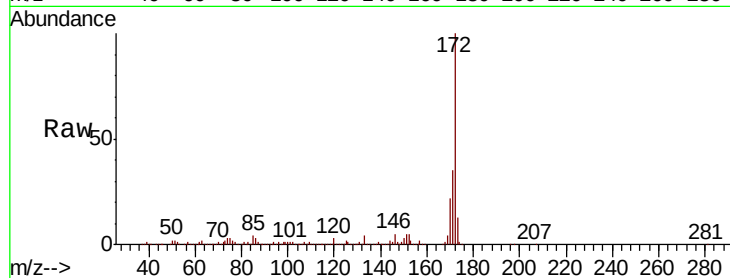


#45
 2-Fluorobiphenyl
 Concen: 87.824 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2956333

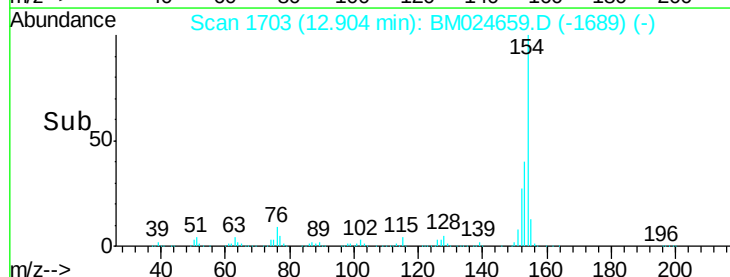
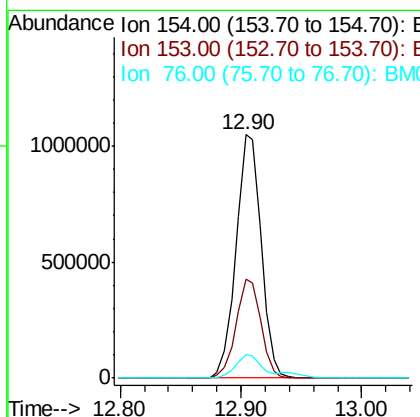
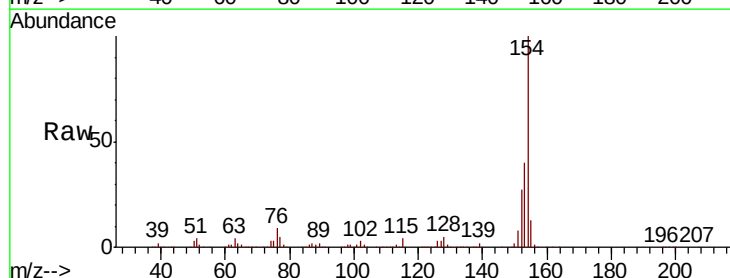
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.5	17.9	26.9

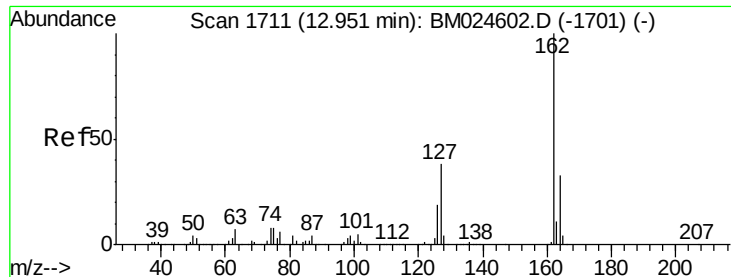


#46
 1,1'-Biphenyl
 Concen: 44.019 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:154 Resp: 1524492

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	9.5	0.0	30.5

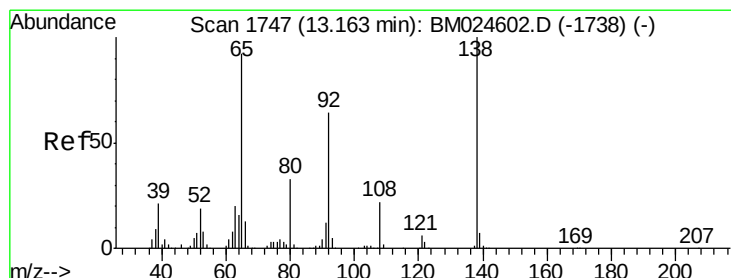
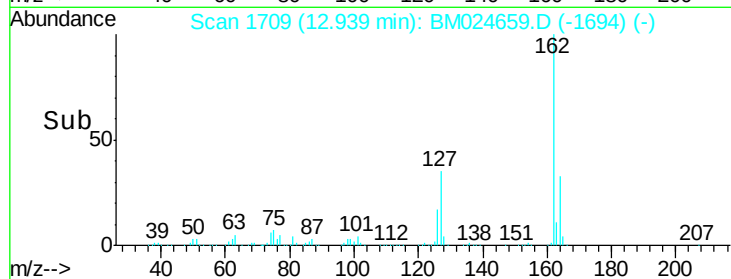
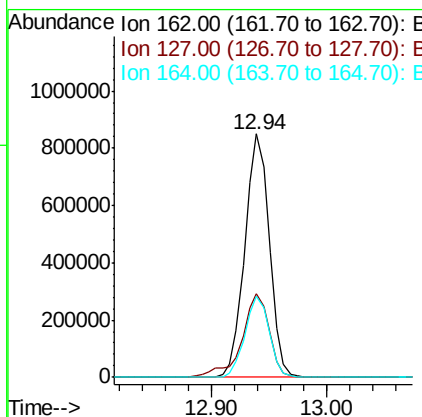
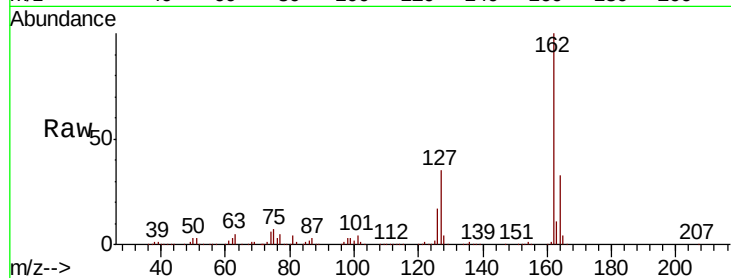




#47
 2-Chloronaphthalene
 Concen: 44.900 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

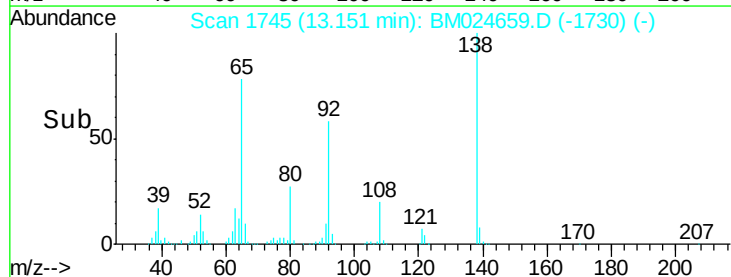
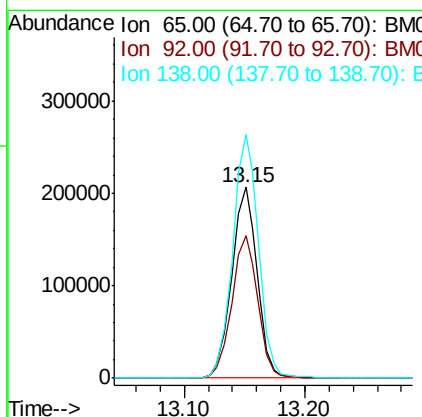
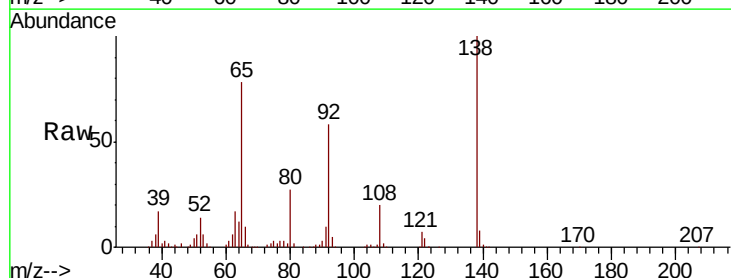
Instrument :
 BNA_M
 ClientSampleId :

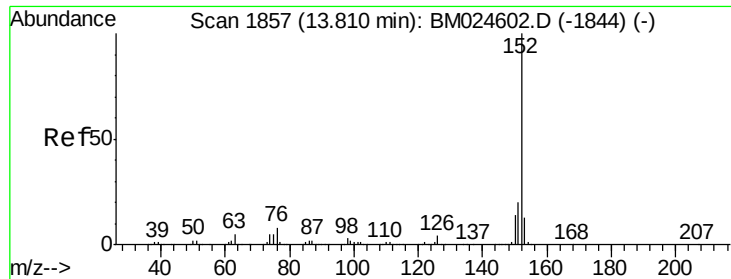
Tot Ion:162 Resp: 1255376
 Ion Ratio Lower Upper
 162 100
 127 34.6 30.4 45.6
 164 33.1 26.5 39.7



#48
 2-Nitroaniline
 Concen: 35.677 ng
 RT: 13.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion: 65 Resp: 304235
 Ion Ratio Lower Upper
 65 100
 92 74.7 55.4 83.2
 138 127.8 86.6 129.8





#49

Acenaphthylene

Concen: 43.915 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

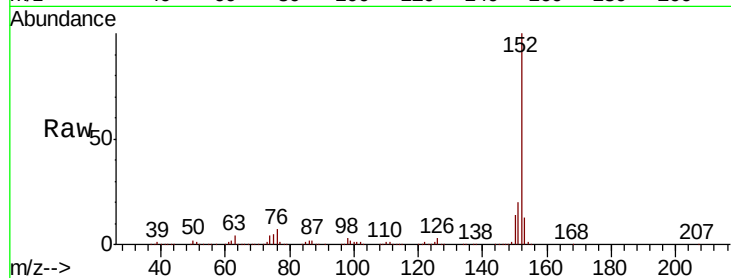
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1838079

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.9	10.4	15.6

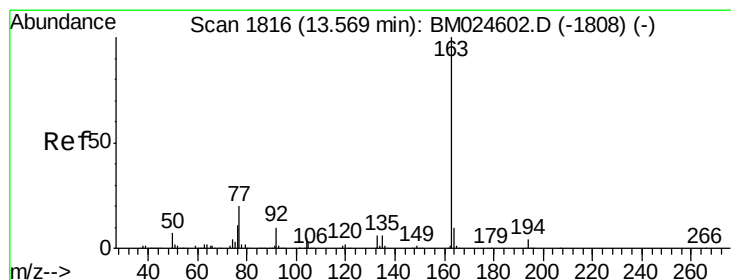
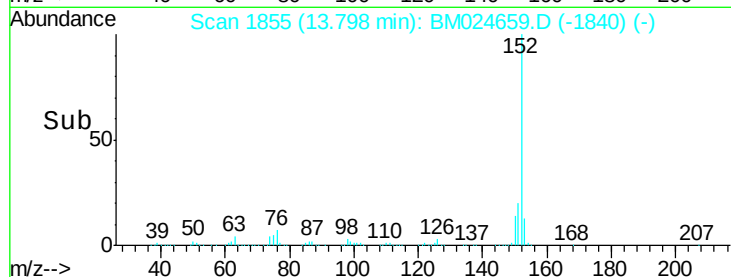
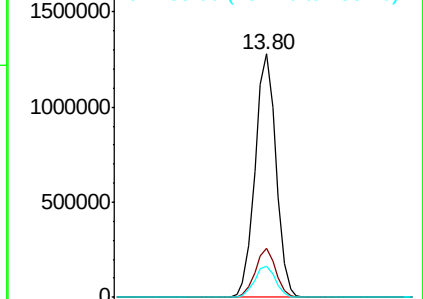


Abundance

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: 42.437 ng

RT: 13.56 min Scan# 1814

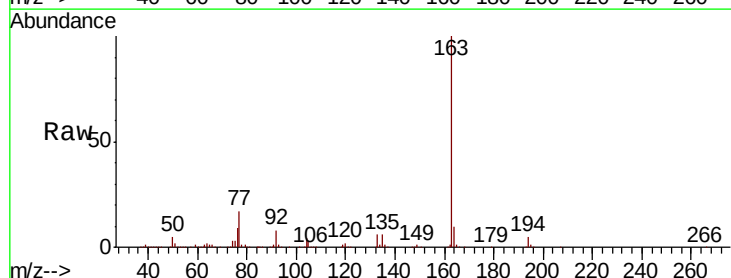
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:163 Resp: 1570415

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.2	8.0	12.0

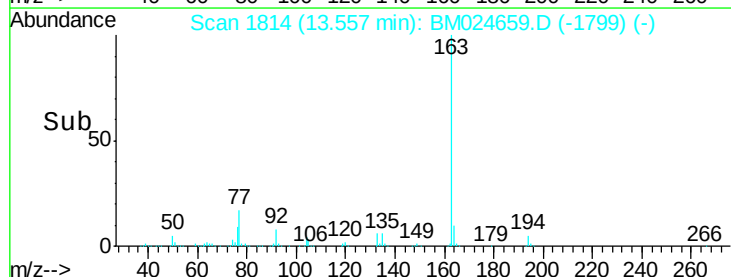
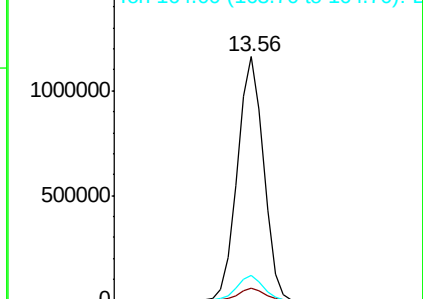


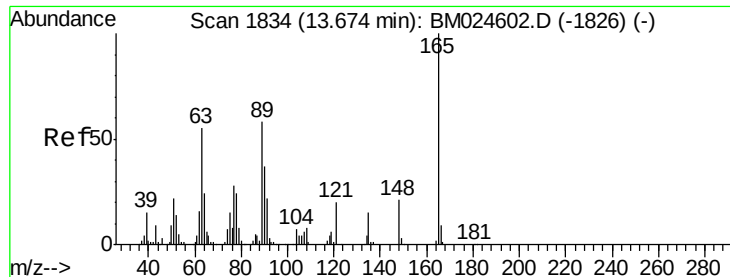
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

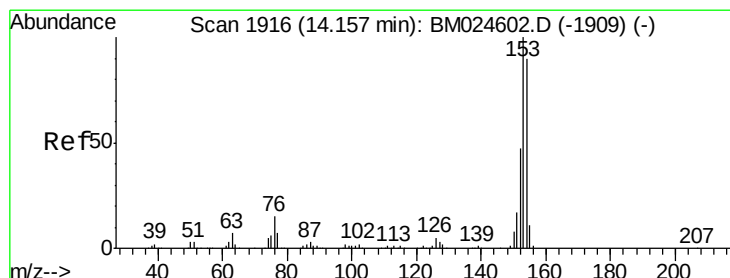
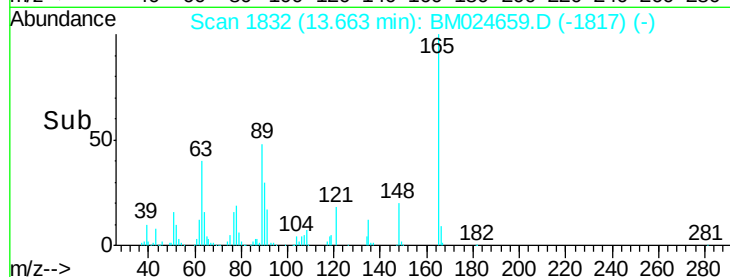
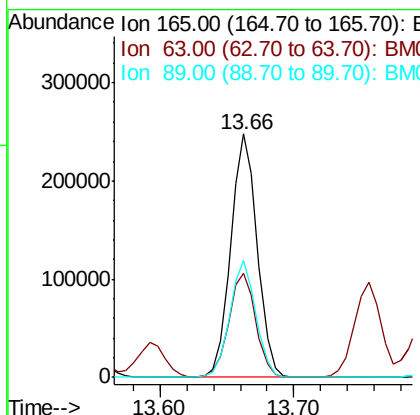
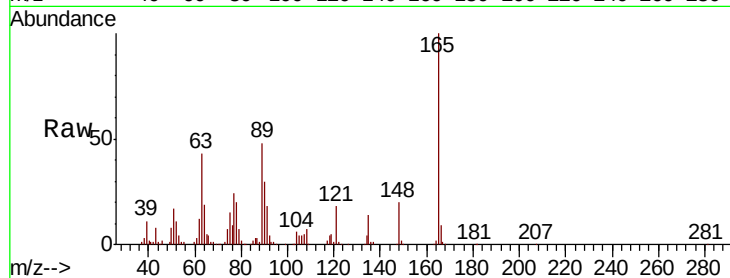




#51
 2,6-Dinitrotoluene
 Concen: 43.424 ng
 RT: 13.66 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

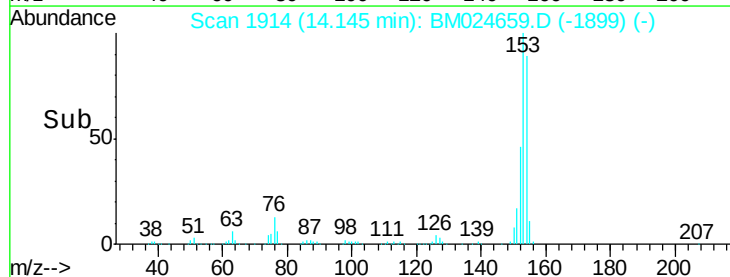
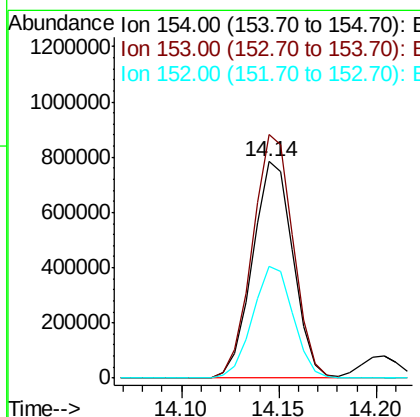
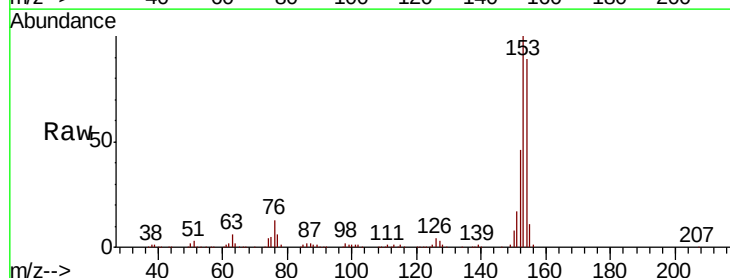
Instrument :
 BNA_M
 ClientSampleId :

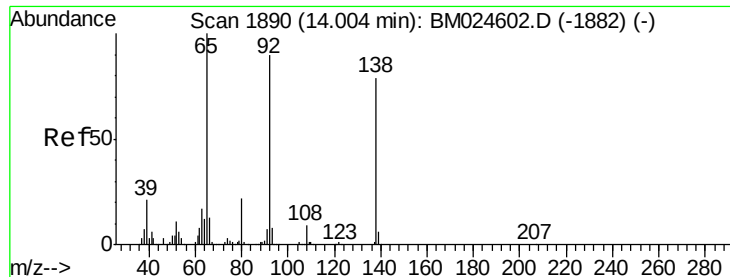
Tot Ion:165 Resp: 341643
 Ion Ratio Lower Upper
 165 100
 63 42.5 45.4 68.0#
 89 48.1 46.6 69.8



#52
 Acenaphthene
 Concen: 43.475 ng
 RT: 14.14 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:154 Resp: 1129159
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.1 133.7
 152 51.9 41.9 62.9

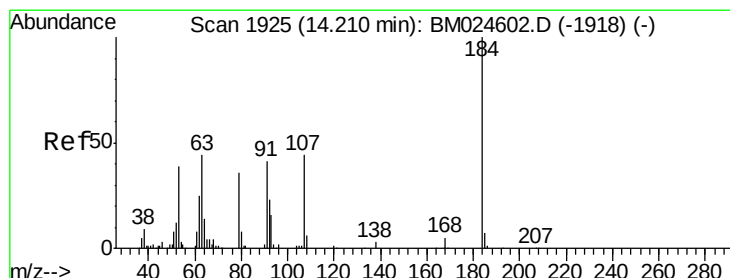
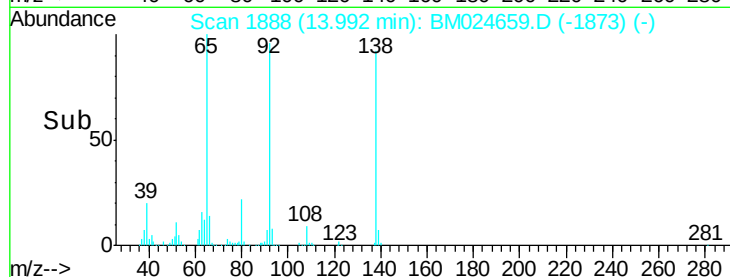
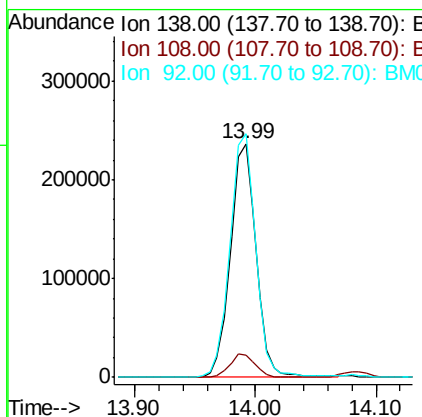
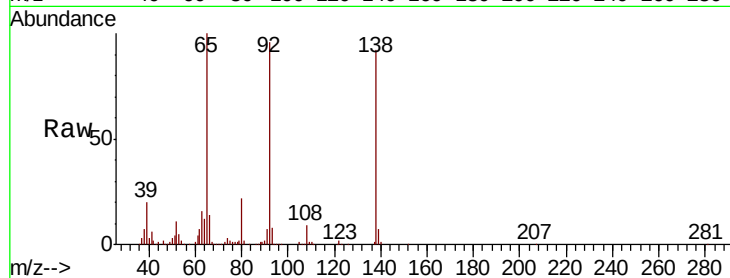




#53
 3-Nitroaniline
 Concen: 43.341 ng
 RT: 13.99 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

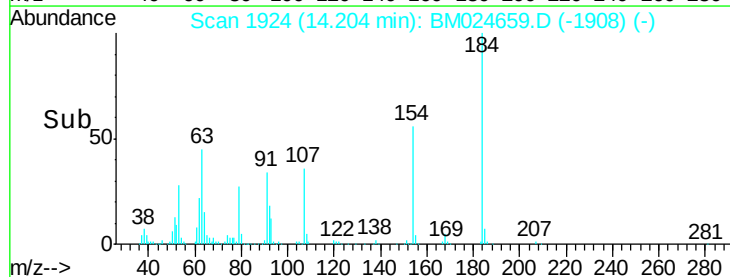
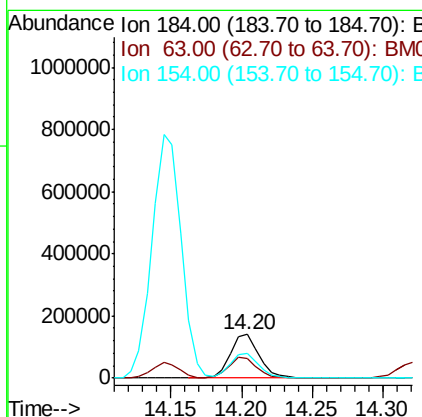
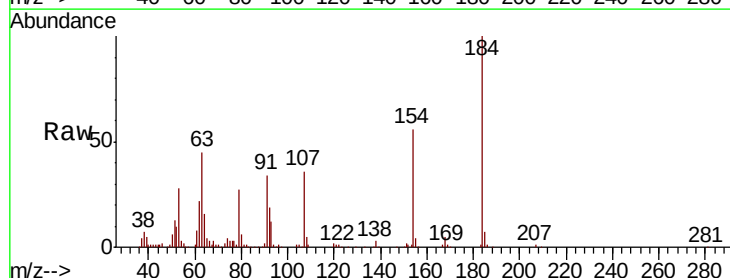
Instrument :
 BNA_M
 ClientSampleId :

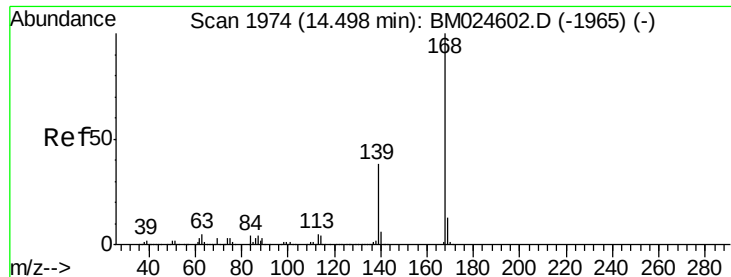
Tot Ion:138 Resp: 353670
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.7 13.1
 92 104.2 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 42.813 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:184 Resp: 201427
 Ion Ratio Lower Upper
 184 100
 63 44.9 51.8 77.8#
 154 56.1 50.2 75.4

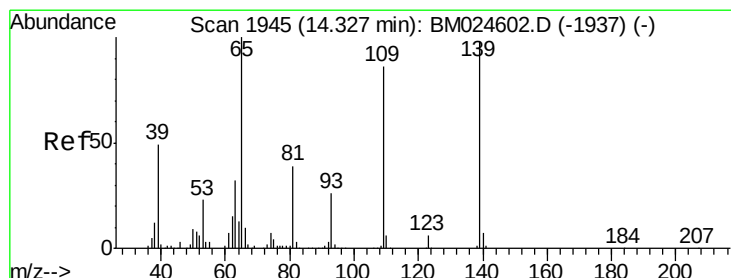
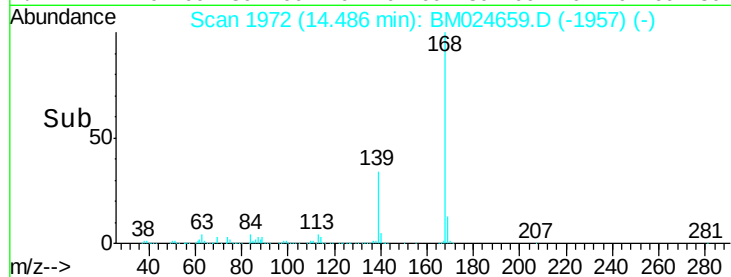
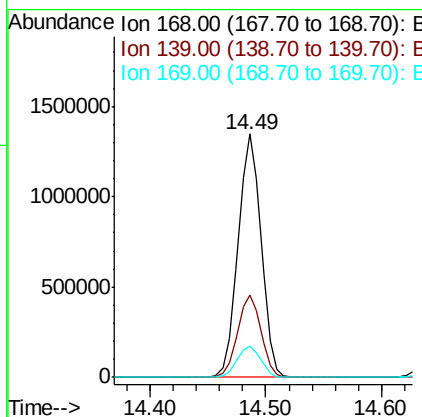
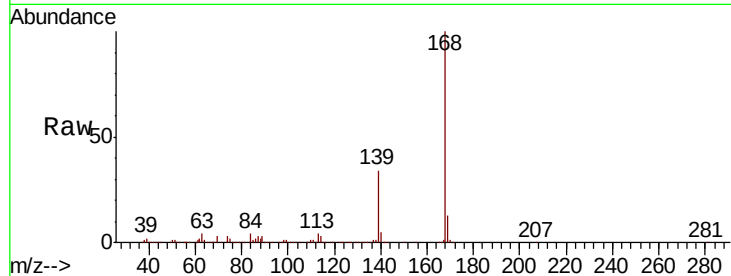




#55
Dibenzofuran
Concen: 43.981 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

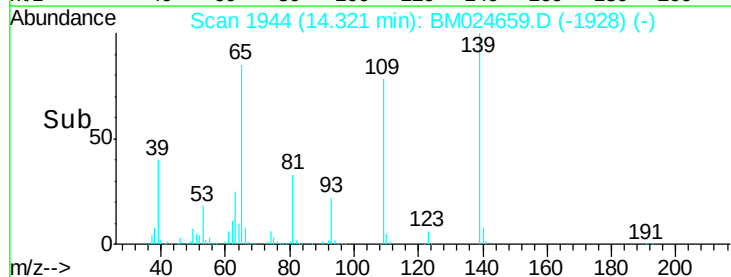
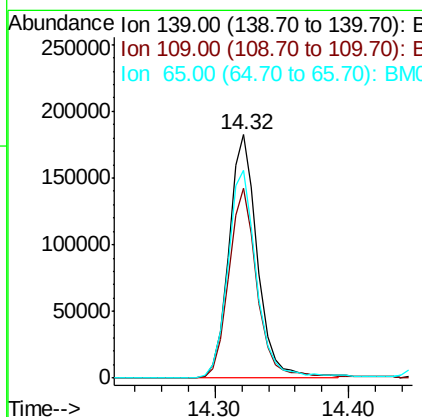
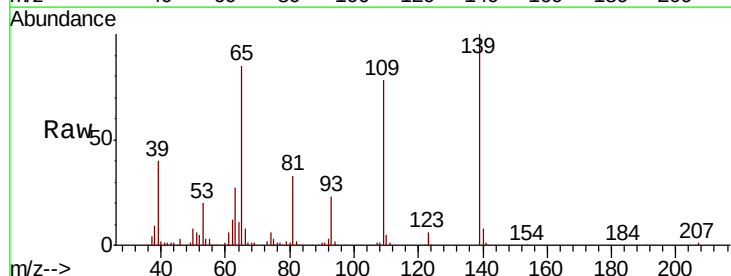
Instrument :
BNA_M
ClientSampleId :

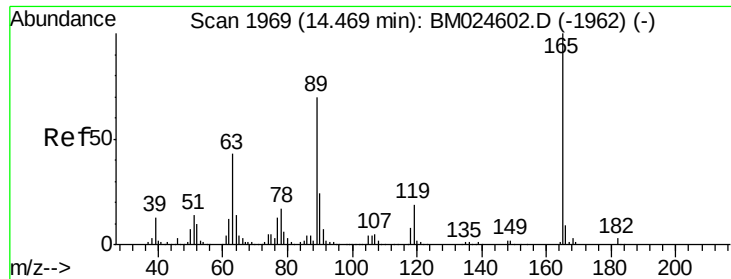
Tot Ion:168 Resp: 1862931
Ion Ratio Lower Upper
168 100
139 33.7 30.2 45.4
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 42.768 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:139 Resp: 272805
Ion Ratio Lower Upper
139 100
109 78.0 67.4 107.4
65 85.5 82.1 122.1

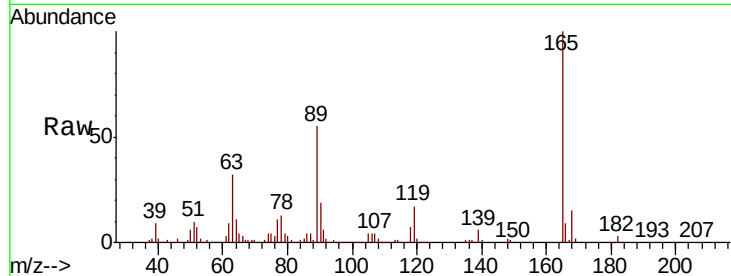




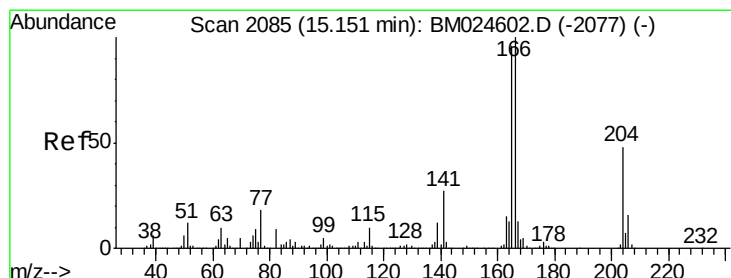
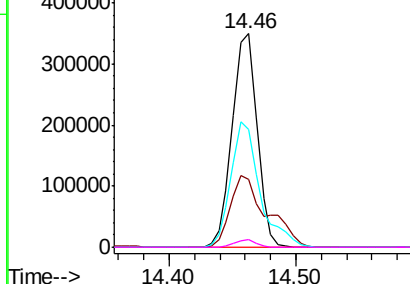
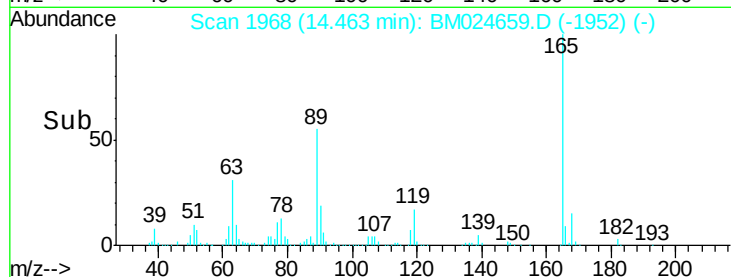
#57
2,4-Dinitrotoluene
Concen: 42.325 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 477251
Ion Ratio Lower Upper
165 100
63 31.6 34.5 51.7#
89 54.9 55.8 83.8#
182 3.4 2.3 3.5

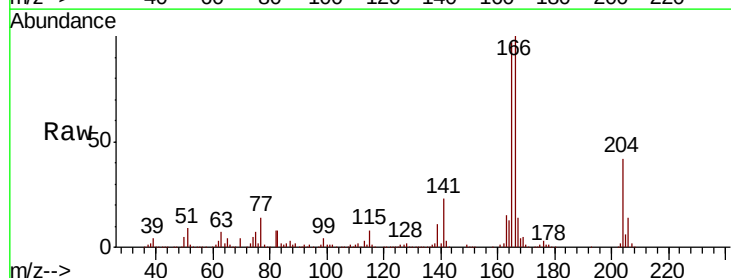


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

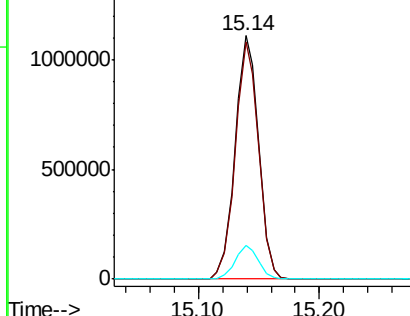
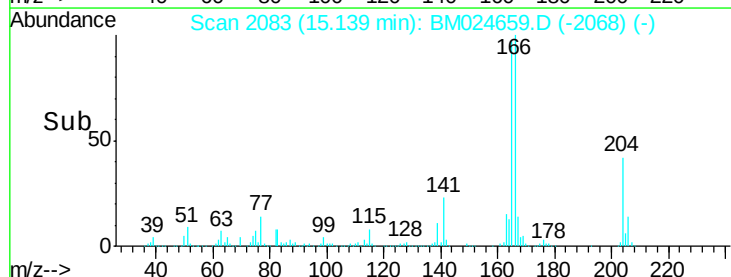


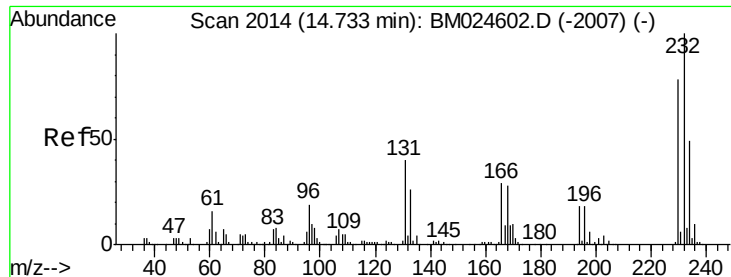
#58
Fluorene
Concen: 42.176 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:166 Resp: 1501309
Ion Ratio Lower Upper
166 100
165 97.4 76.6 114.8
167 13.6 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

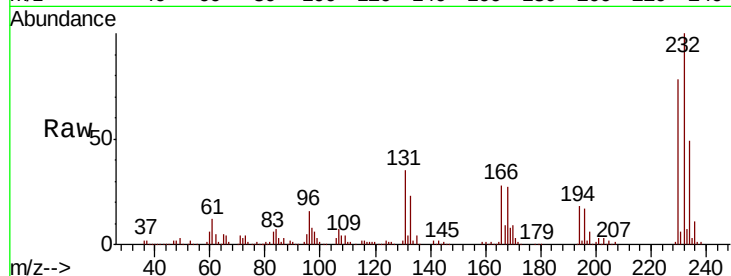




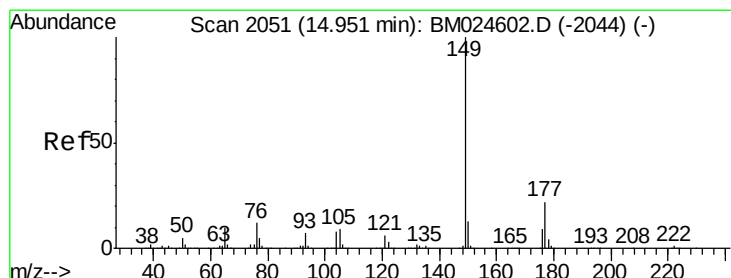
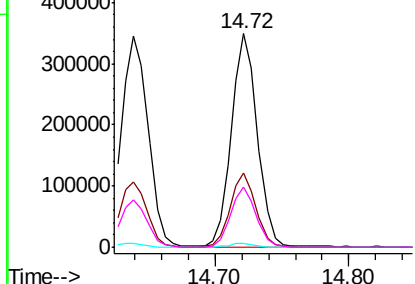
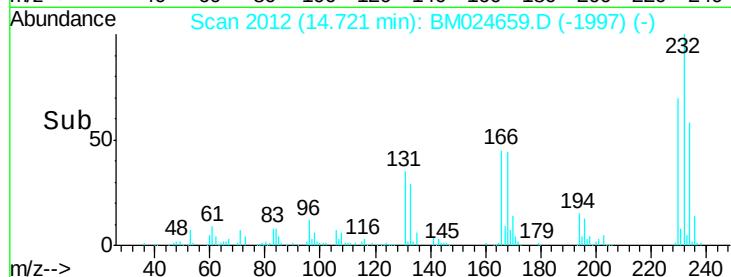
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.754 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 470986
 Ion Ratio Lower Upper
 232 100
 131 34.5 32.2 48.4
 130 1.9 1.9 2.9#
 166 27.7 23.4 35.0

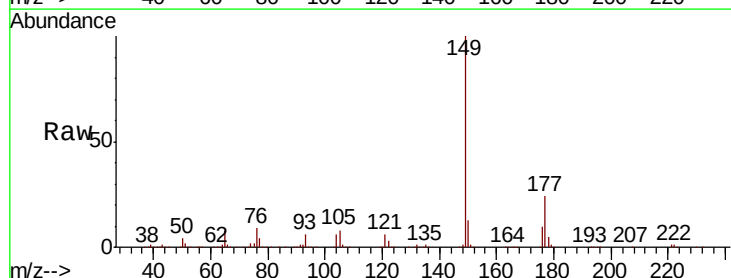


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

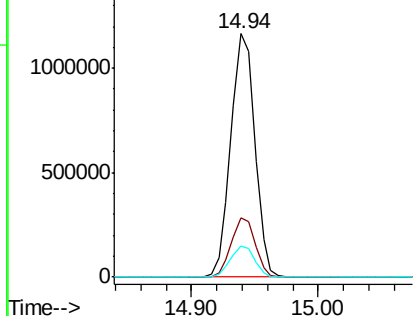
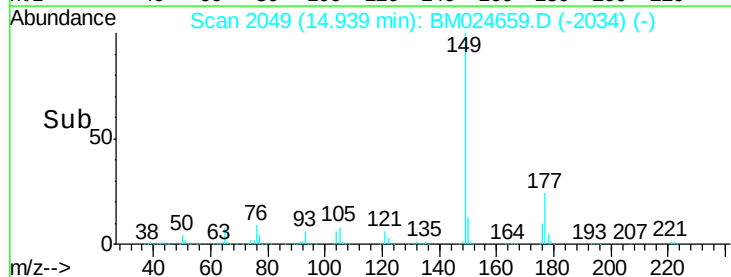


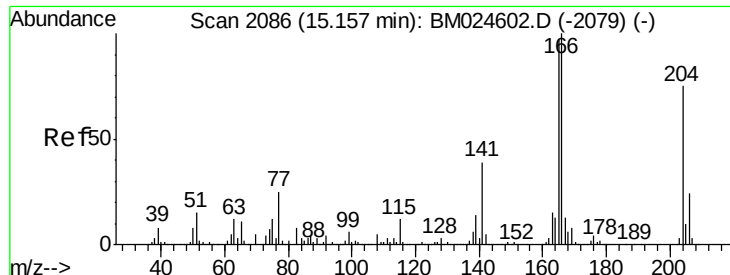
#60
 Diethylphthalate
 Concen: 40.582 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:149 Resp: 1524644
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.0 27.0
 150 12.6 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

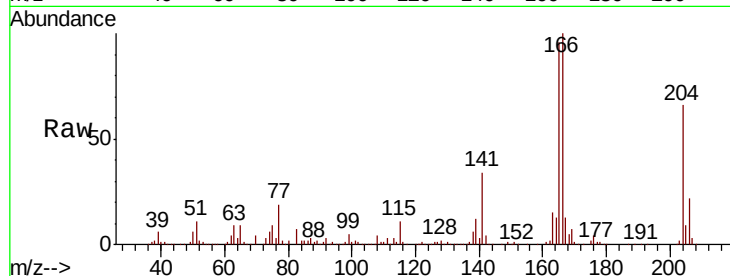




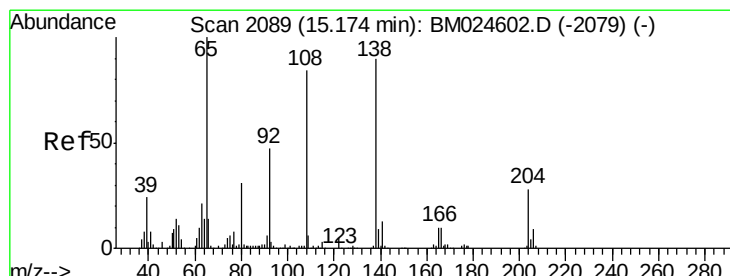
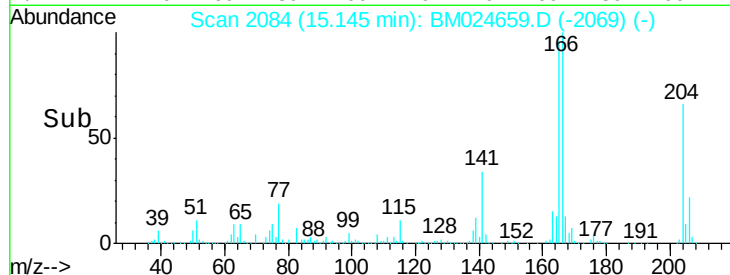
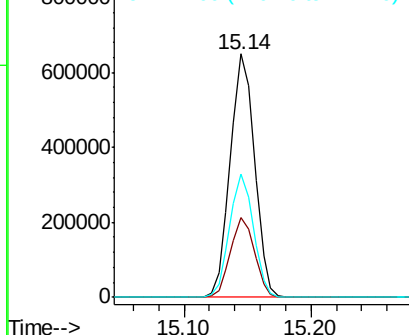
#61
 4-Chlorophenyl-phenylether
 Concen: 41.979 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 861494
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.2
 141 50.7 42.2 63.2

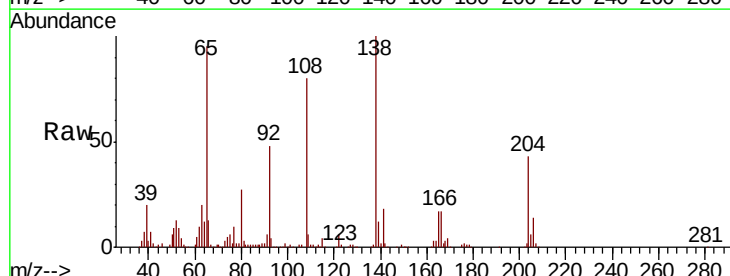


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

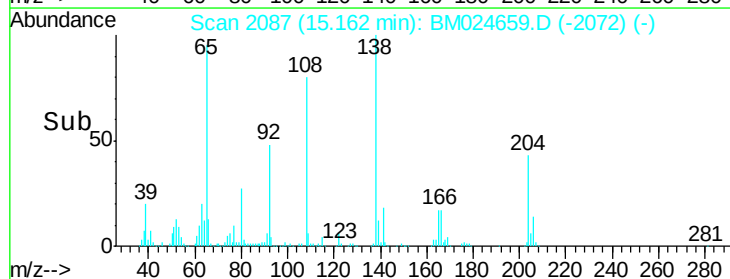
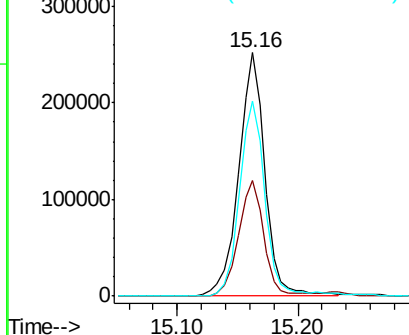


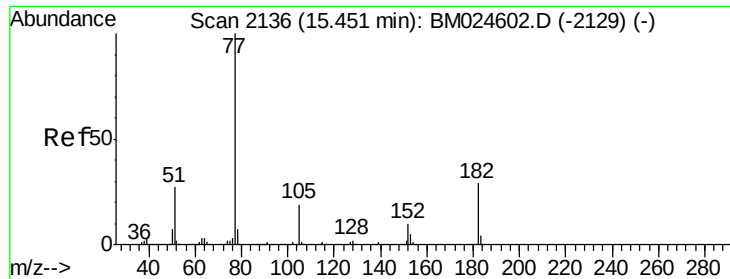
#62
 4-Nitroaniline
 Concen: 42.485 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:138 Resp: 382671
 Ion Ratio Lower Upper
 138 100
 92 47.5 32.4 72.4
 108 80.2 73.3 113.3



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

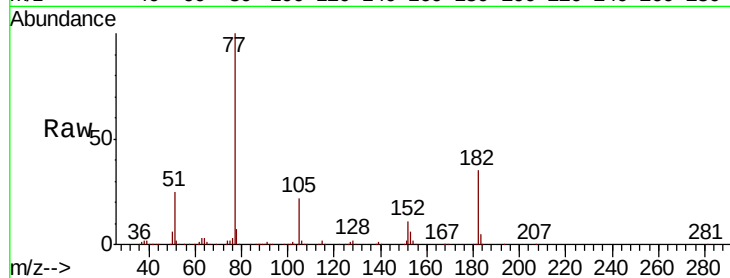




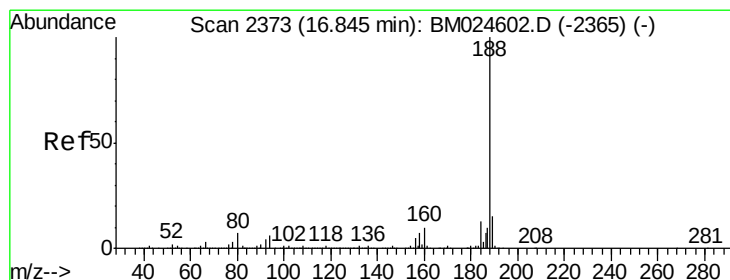
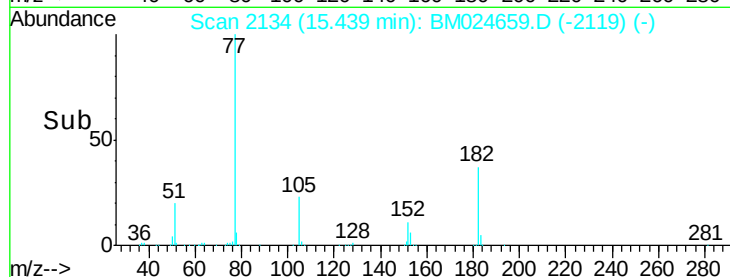
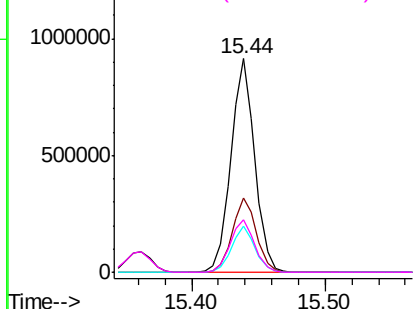
#63
Azobenzene
Concen: 35.277 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1130491
Ion Ratio Lower Upper
77 100
182 34.6 8.7 48.7
105 21.6 0.0 39.2
51 24.8 7.5 47.5

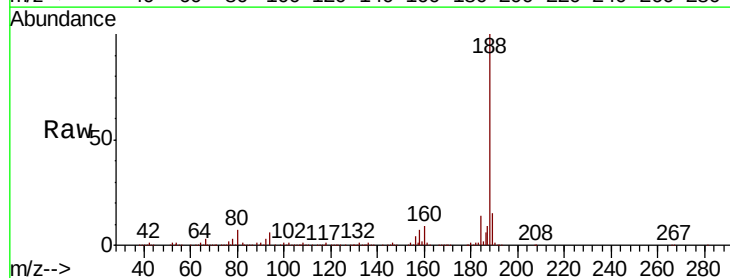


Abundance Ion 77.00 (76.70 to 77.70): BM024659.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024659.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024659.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024659.D (-2119) (-)

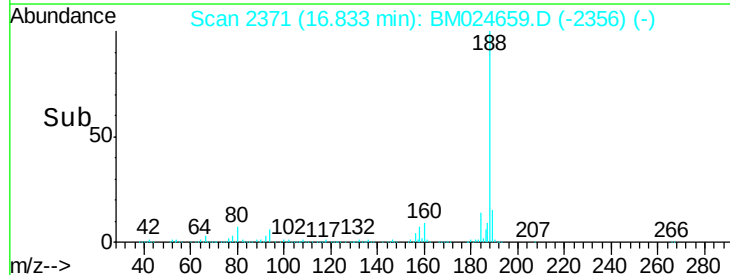
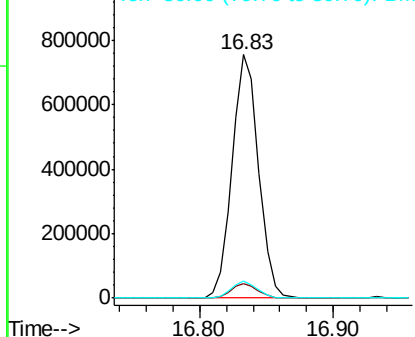


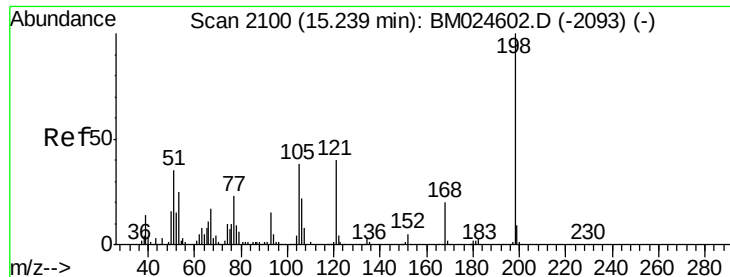
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion: 188 Resp: 1042903
Ion Ratio Lower Upper
188 100
94 6.2 5.0 7.6
80 6.9 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BM024659.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024659.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024659.D (-2356) (-)

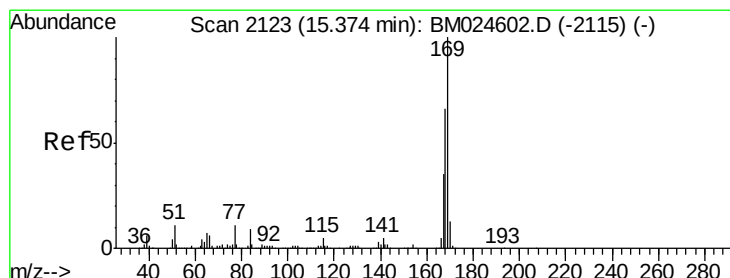
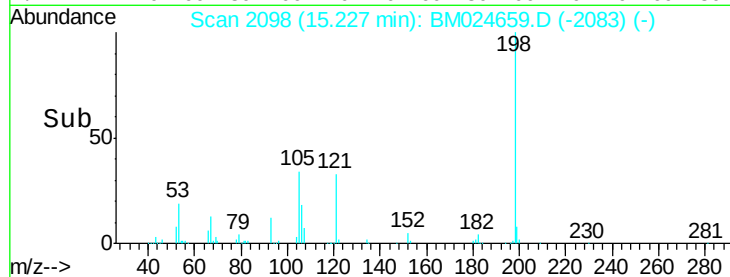
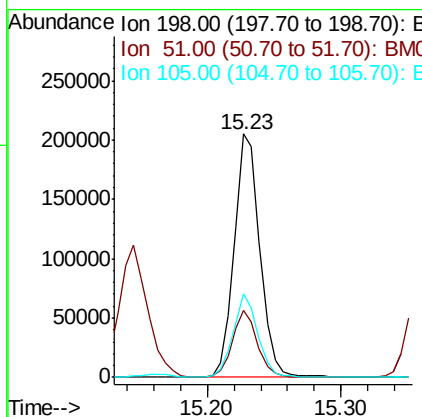
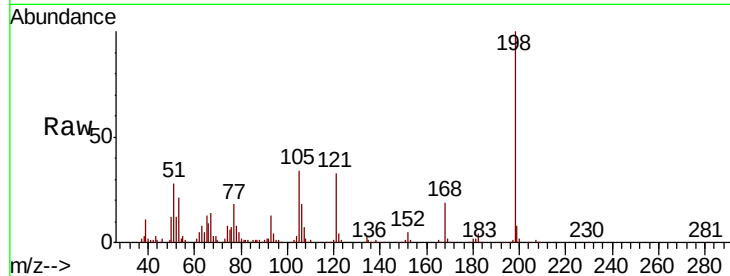




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.895 ng
 RT: 15.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

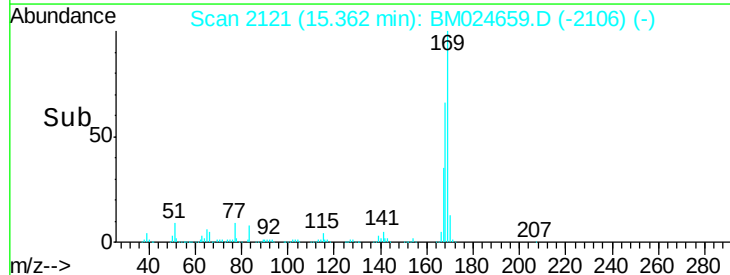
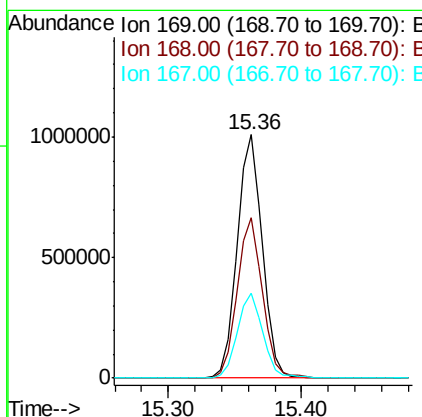
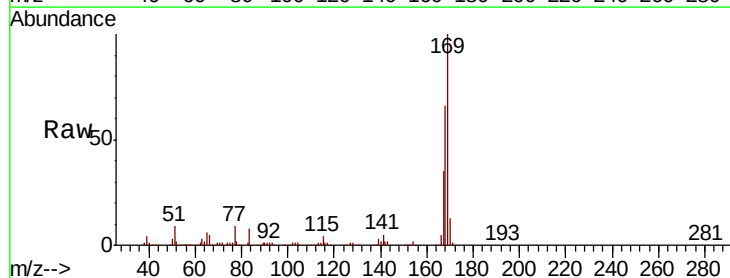
Instrument :
 BNA_M
 ClientSampled :

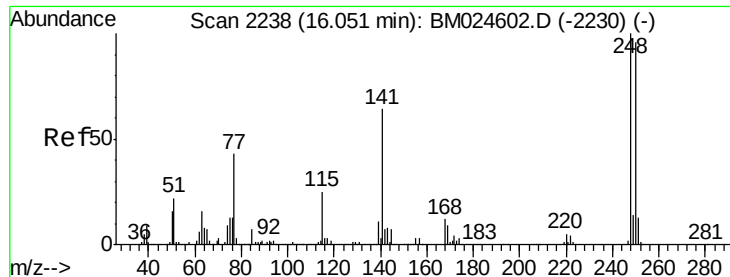
Tot Ion	198	Resp	275298
Ion Ratio	Lower	Upper	
198	100		
51	27.6	15.8	55.8
105	34.4	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 43.880 ng
 RT: 15.36 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion	169	Resp	1314524
Ion Ratio	Lower	Upper	
169	100		
168	65.6	52.8	79.2
167	35.0	28.2	42.2

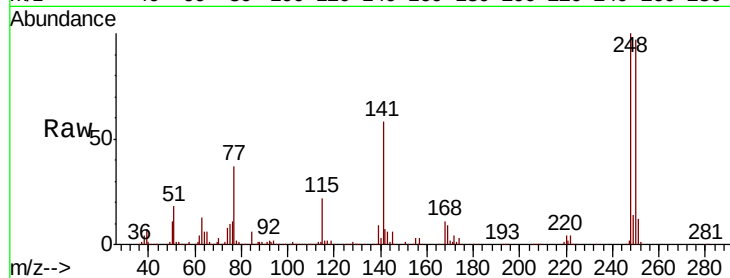




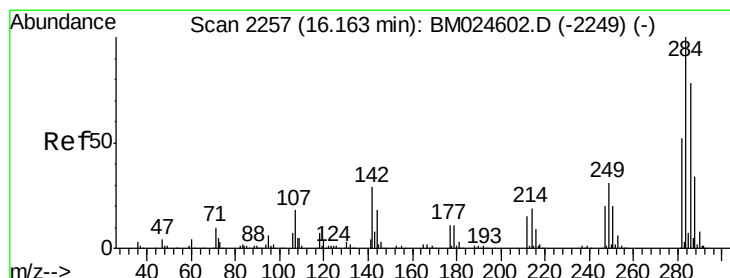
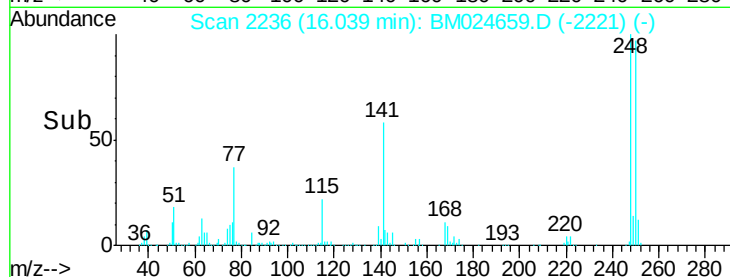
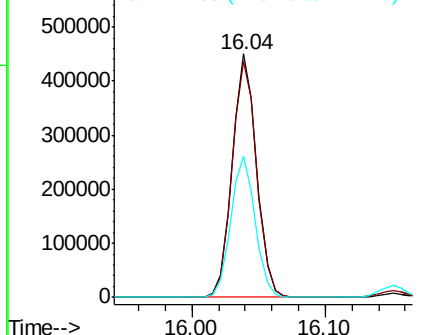
#67
 4-Bromophenyl-phenylether
 Concen: 44.058 ng
 RT: 16.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 571405
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.6
 141 57.8 50.9 76.3

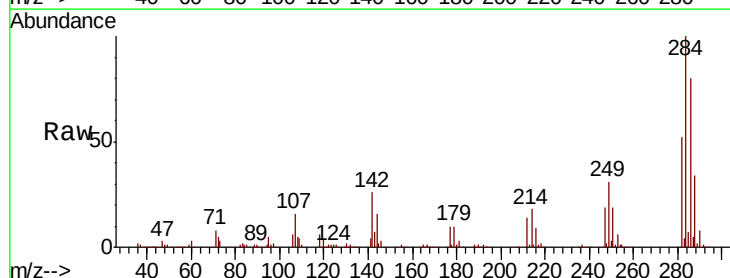


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

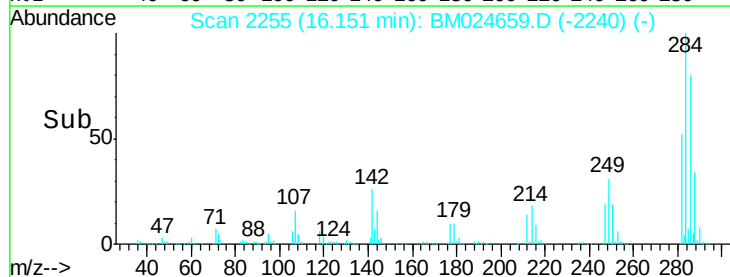
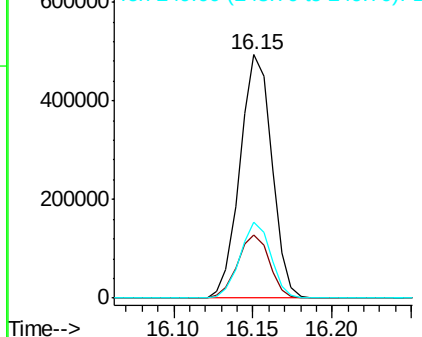


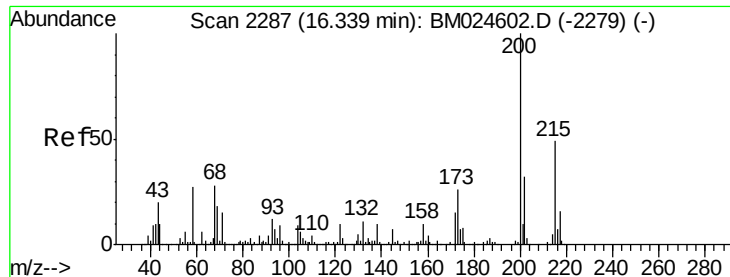
#68
 Hexachlorobenzene
 Concen: 46.243 ng
 RT: 16.15 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:284 Resp: 688233
 Ion Ratio Lower Upper
 284 100
 142 25.9 23.5 35.3
 249 31.0 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: 38.566 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampled :

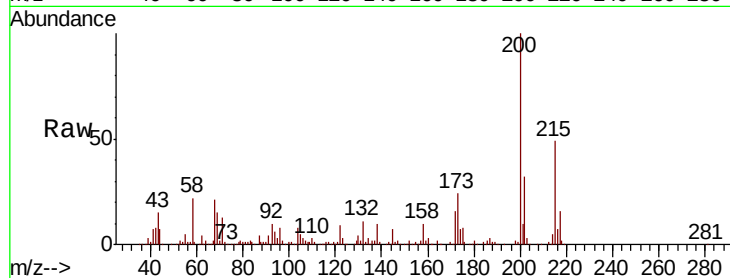
Tot Ion:200 Resp: 443471

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

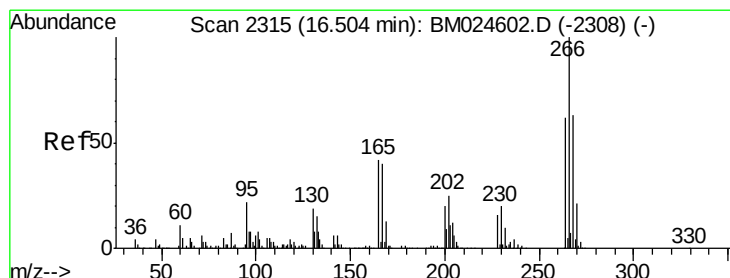
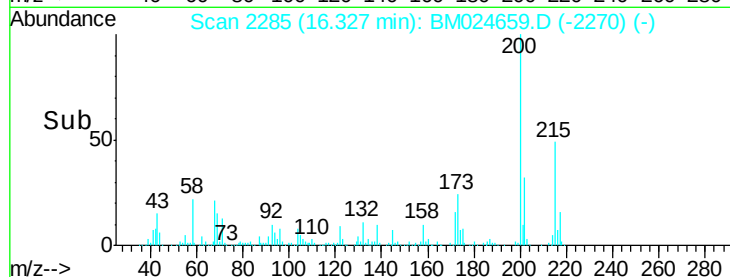
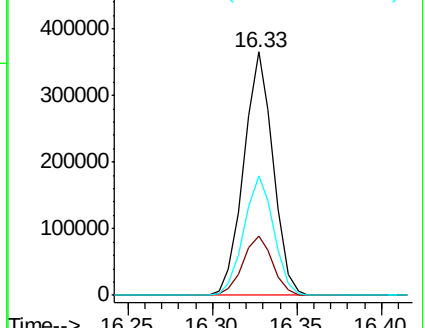
215 49.3 29.4 69.4



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: 42.953 ng

RT: 16.50 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

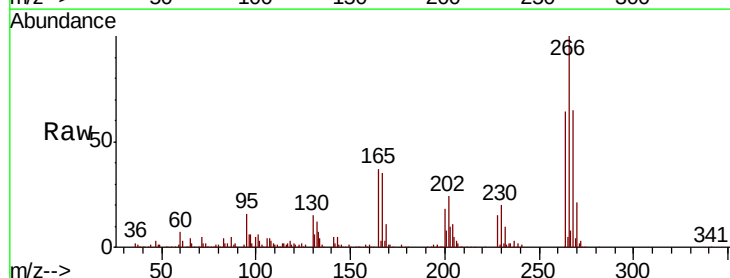
Tgt Ion:266 Resp: 389387

Ion Ratio Lower Upper

266 100

268 65.0 50.4 75.6

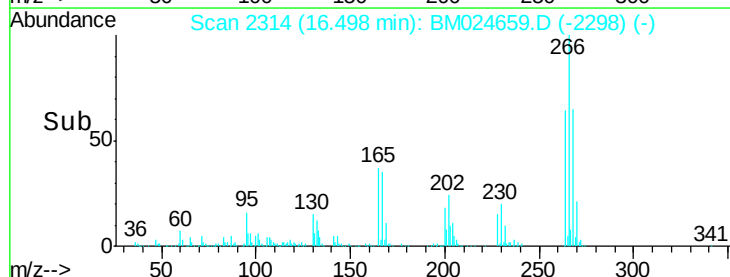
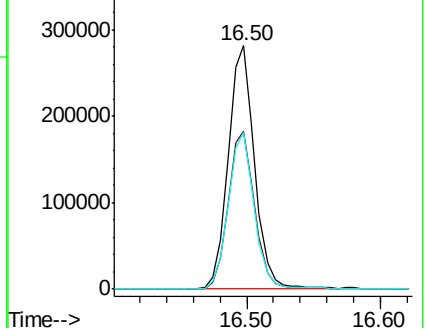
264 64.1 49.9 74.9

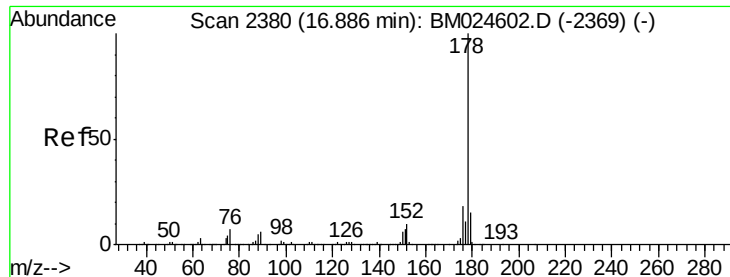


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

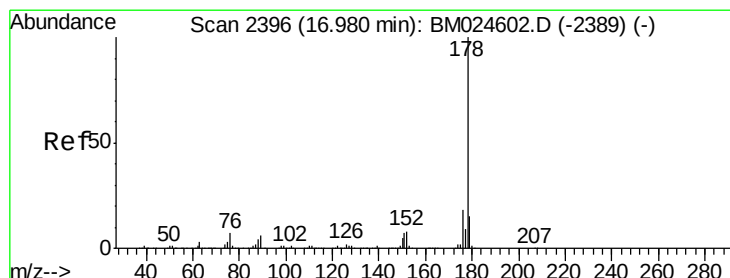
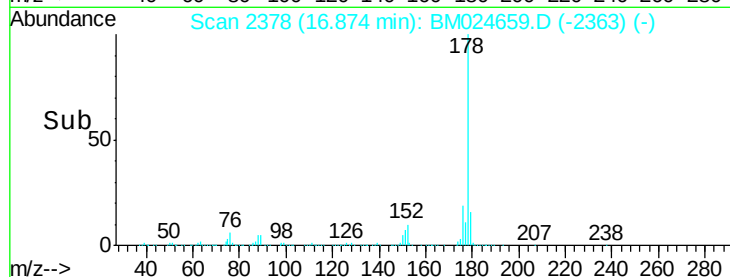
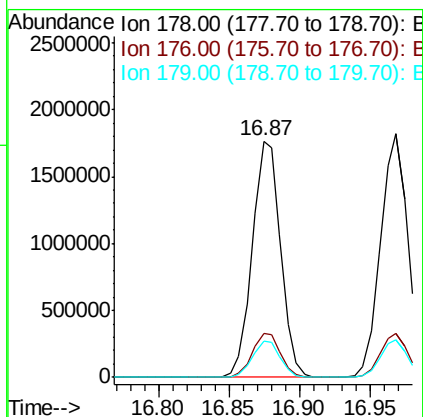
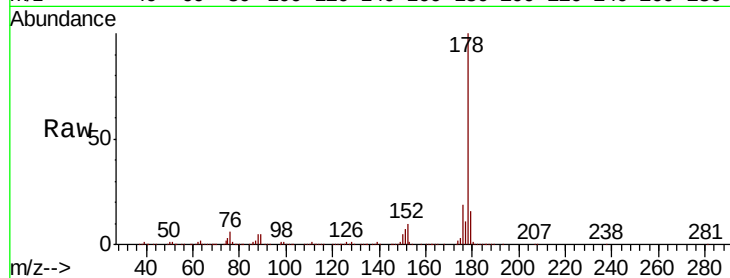




#71
Phenanthrene
Concen: 44.243 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

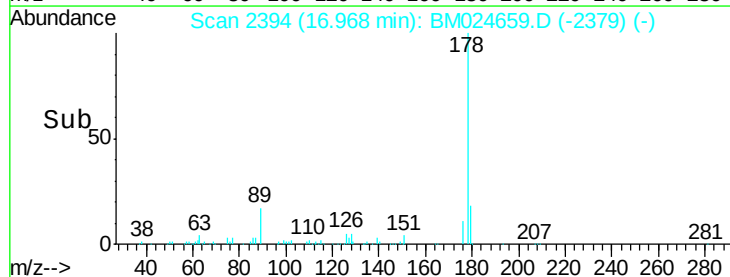
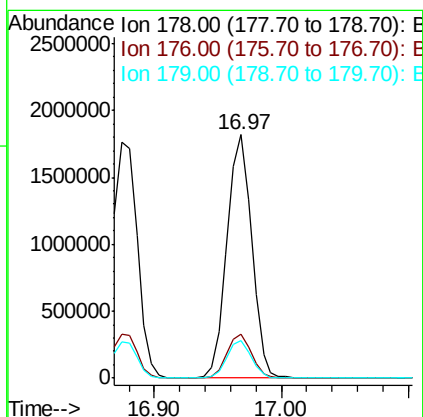
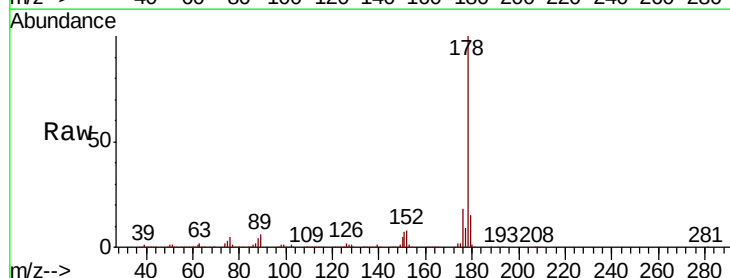
Instrument :
BNA_M
ClientSampled :

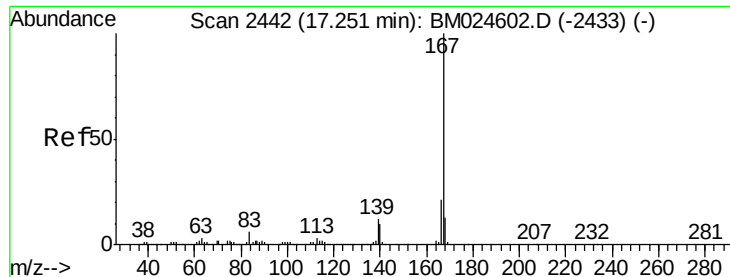
Tot Ion:178 Resp: 2498598
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.5 11.9 17.9



#72
Anthracene
Concen: 44.390 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:178 Resp: 2452944
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 15.3 12.1 18.1

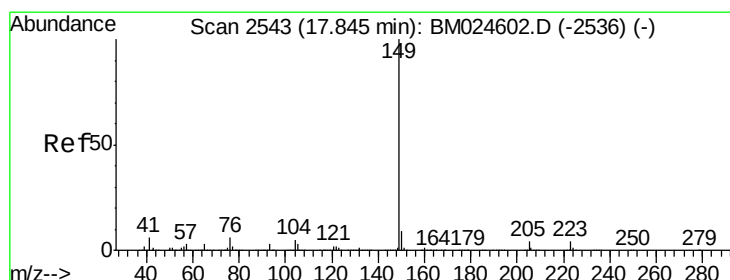
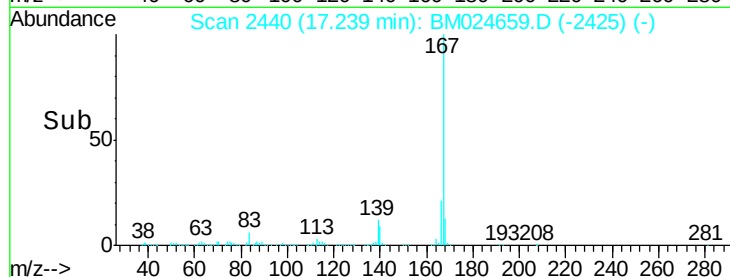
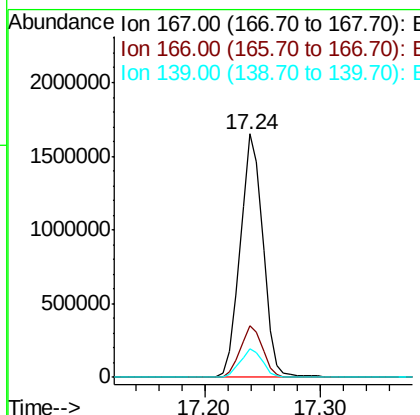
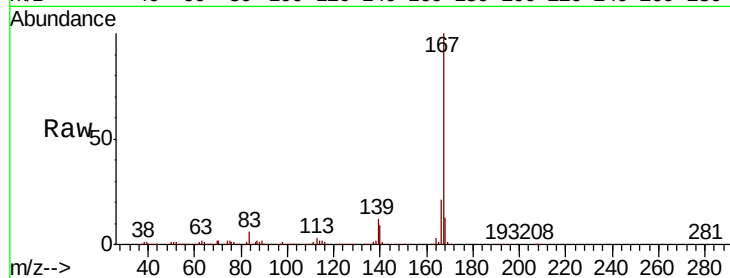




#73
 Carbazole
 Concen: 44.915 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

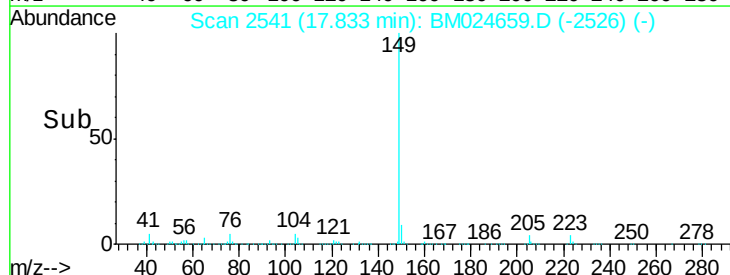
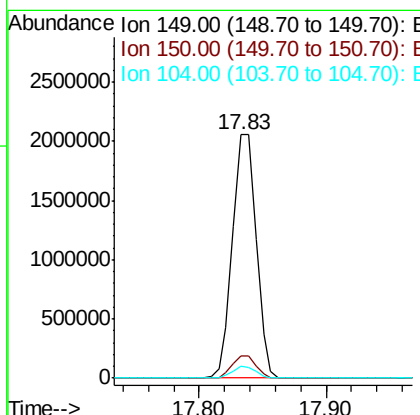
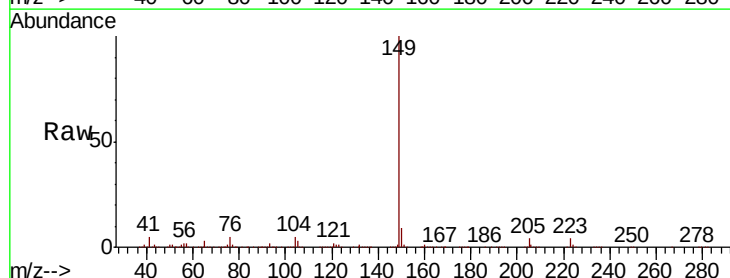
Instrument :
 BNA_M
 ClientSampleId :

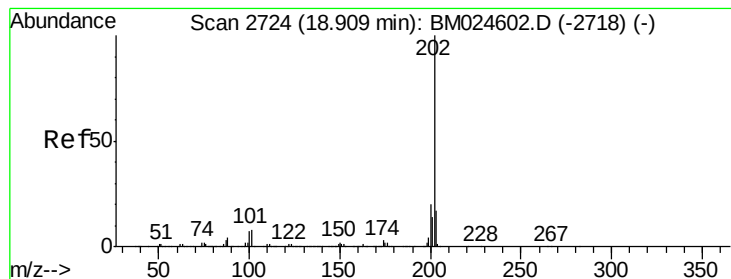
Tot Ion:167 Resp: 2259422
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 11.8 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 41.302 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024659.D
 Acq: 30 Jan 2020 15:28

Tgt Ion:149 Resp: 2656146
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 45.067 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

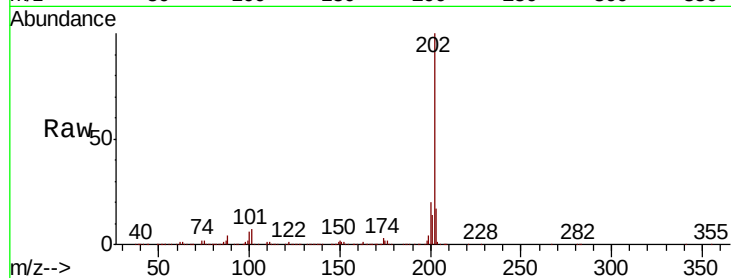
Tot Ion:202 Resp: 3176591

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

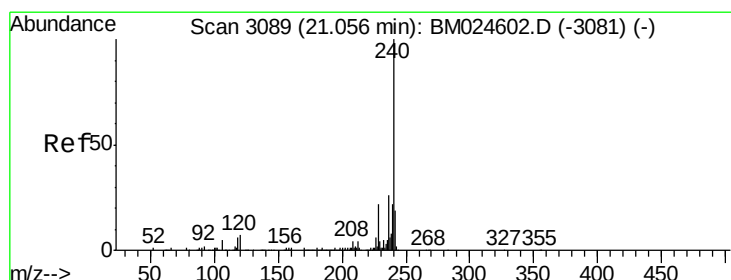
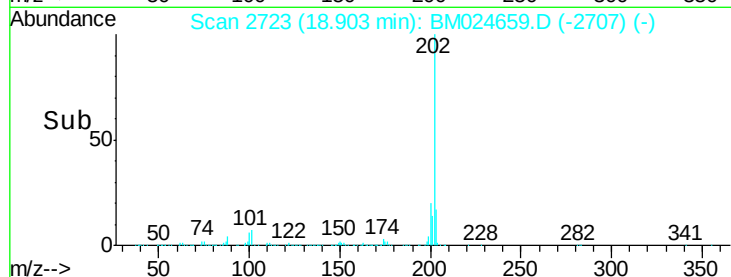
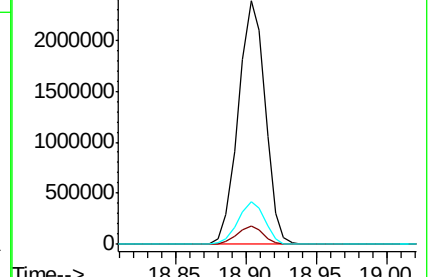
203 17.5 0.0 37.5



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# 3087

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

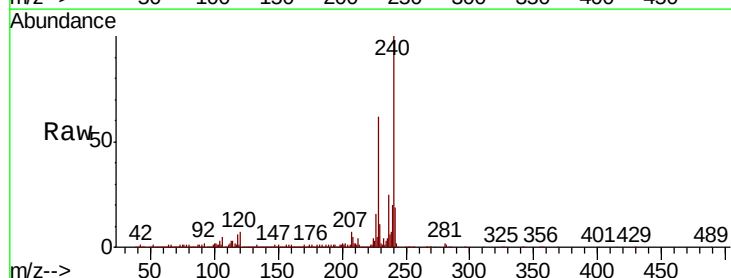
Tgt Ion:240 Resp: 1150873

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

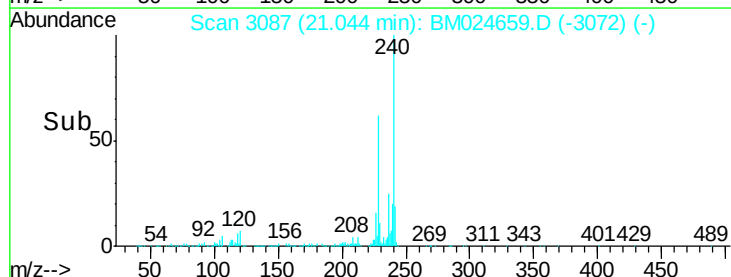
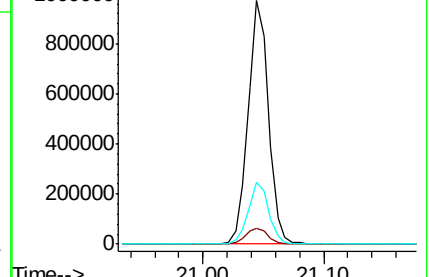
236 25.4 20.6 31.0

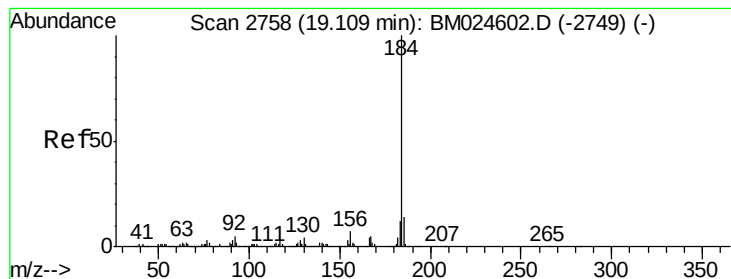


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.858 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

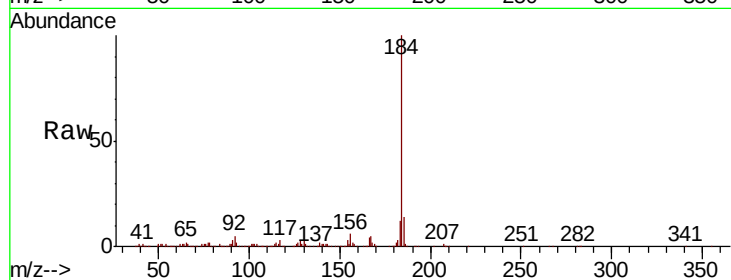
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1363112

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	11.7	9.6	14.4

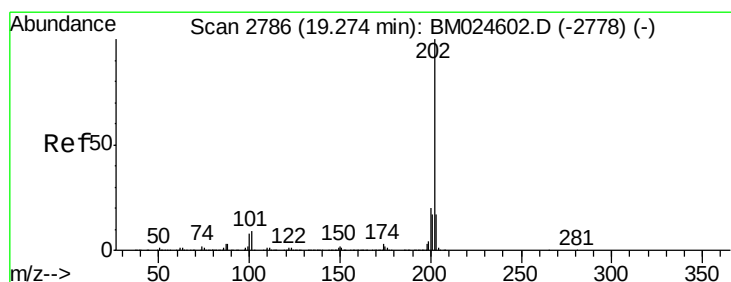
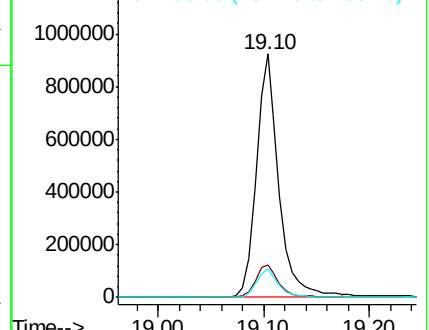
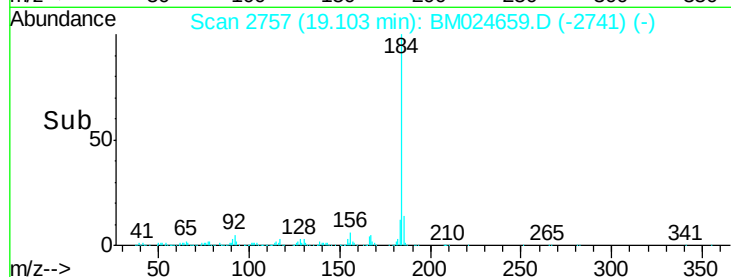


Abundance

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: 43.370 ng

RT: 19.27 min Scan# 2785

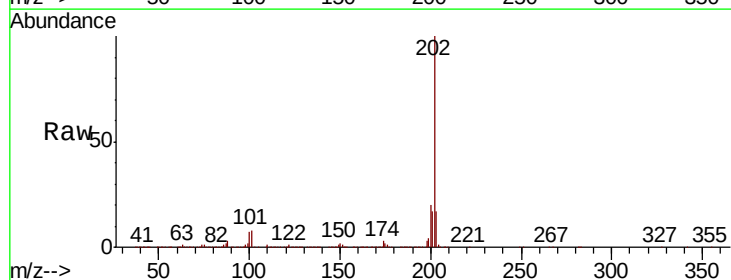
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:202 Resp: 3290450

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.4	14.0	21.0

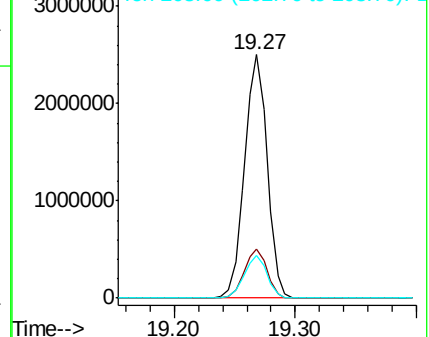
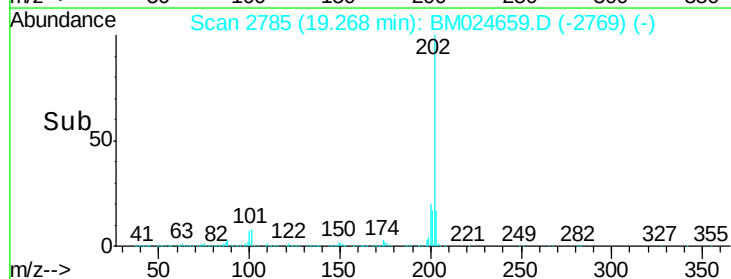


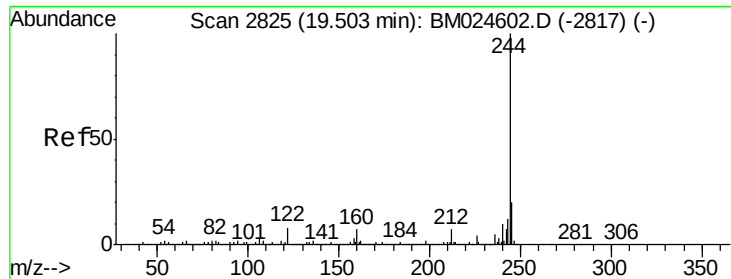
Abundance

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: 88.901 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

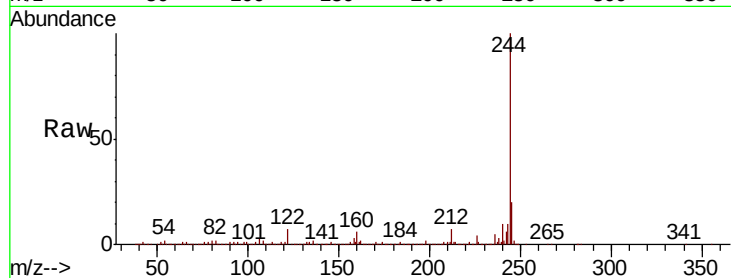
Tot Ion:244 Resp: 5480419

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.4	6.2	9.4

244 100

212 6.5 5.4 8.2

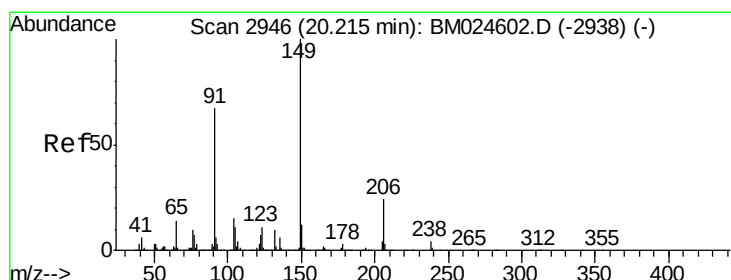
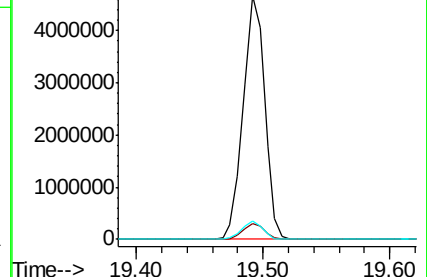
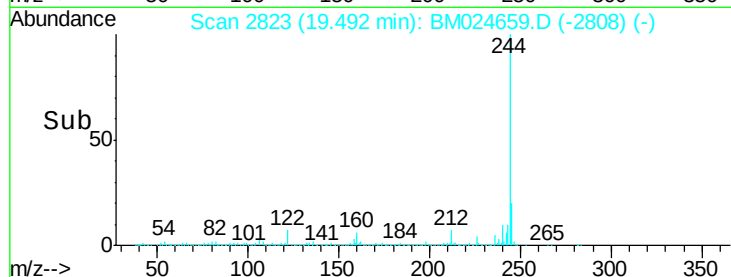
122 7.4 6.2 9.4



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: 40.679 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

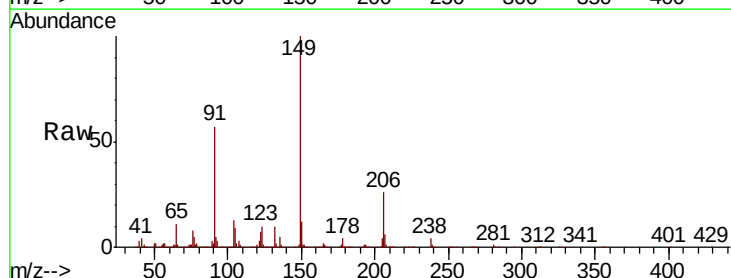
Tgt Ion:149 Resp: 1295047

Ion	Ratio	Lower	Upper
149	100		
91	57.4	53.9	80.9
206	26.4	19.0	28.6

149 100

91 57.4 53.9 80.9

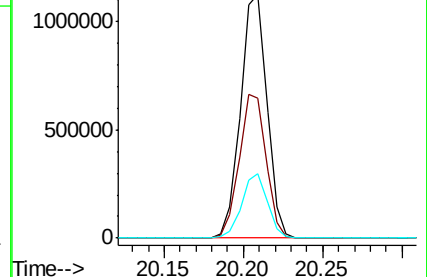
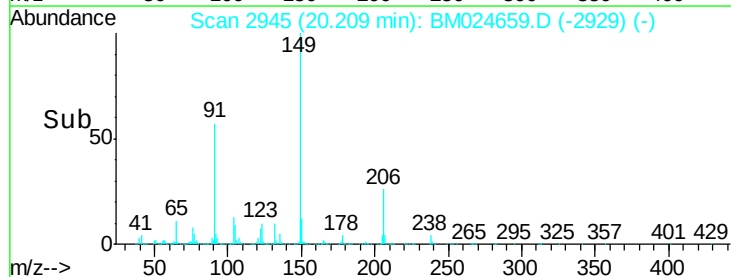
206 26.4 19.0 28.6

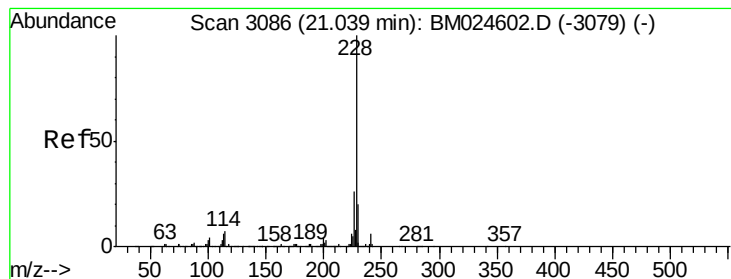


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.641 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

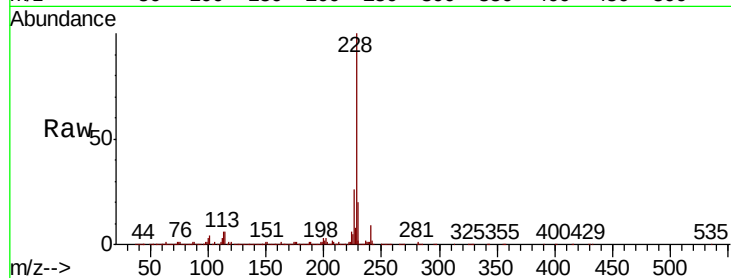
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3485916

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.9	15.8	23.6

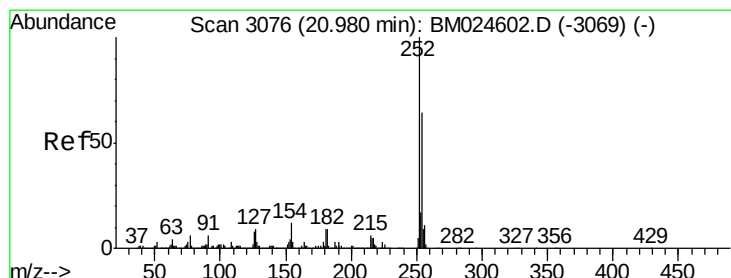
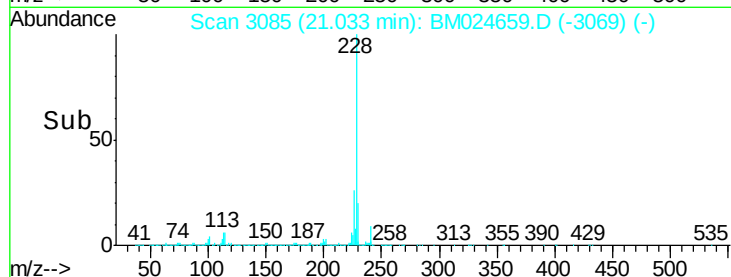
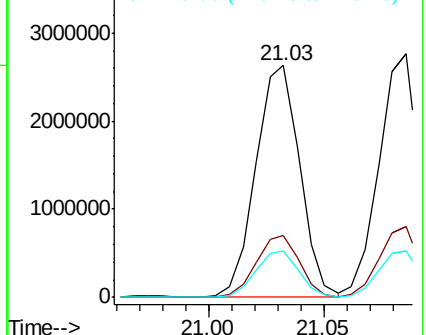


Abundance

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: 49.054 ng

RT: 20.97 min Scan# 3075

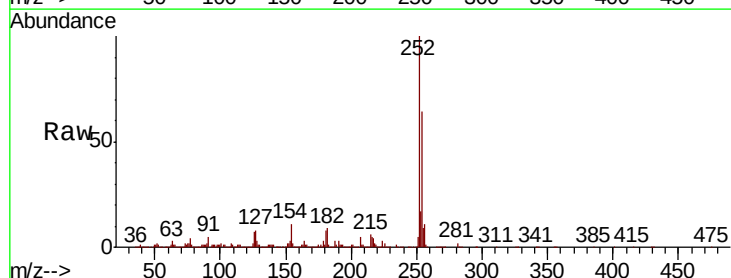
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:252 Resp: 1409514

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	7.3	6.7	10.1

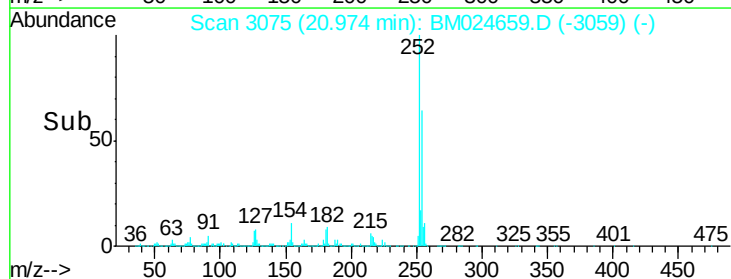
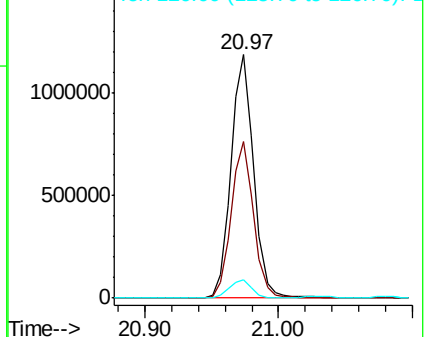


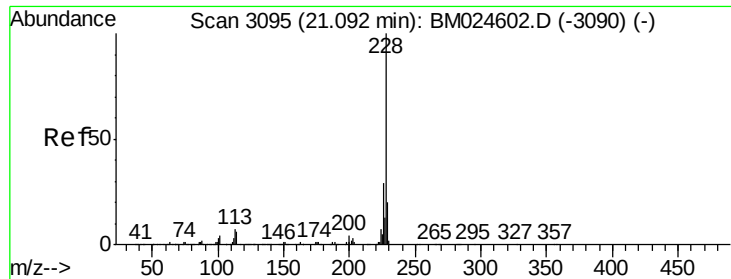
Abundance

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: 44.286 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

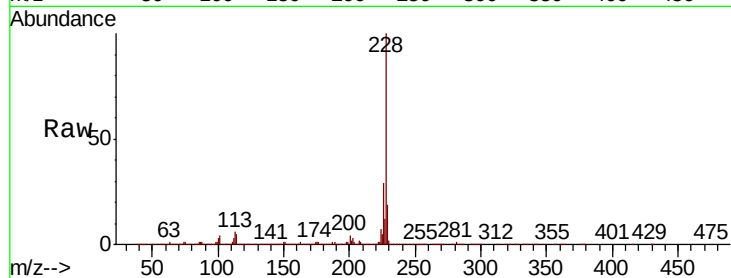
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3375463

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.2	34.8
229	19.3	15.7	23.5

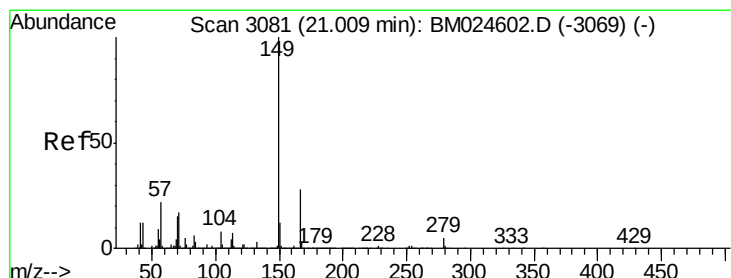
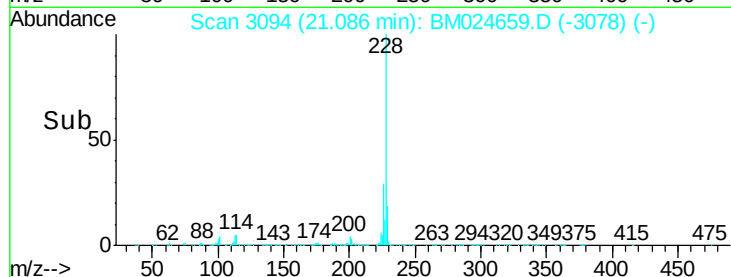
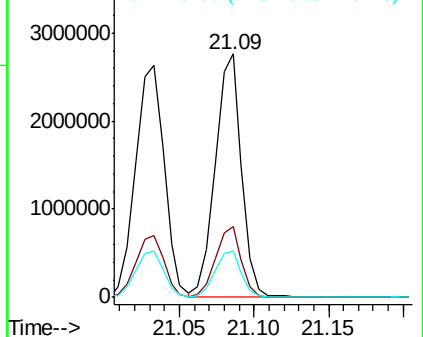


Abundance

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: 39.274 ng

RT: 21.00 min Scan# 3080

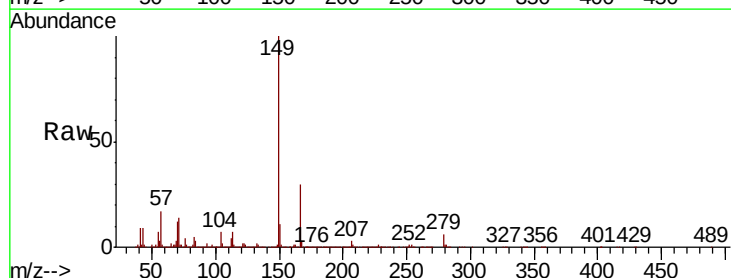
Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Tgt Ion:149 Resp: 1844891

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.5	33.7
279	5.9	4.0	6.0

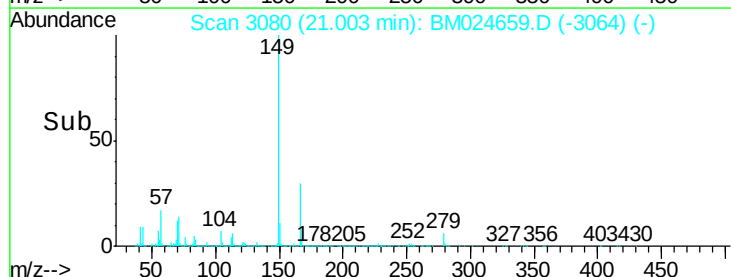
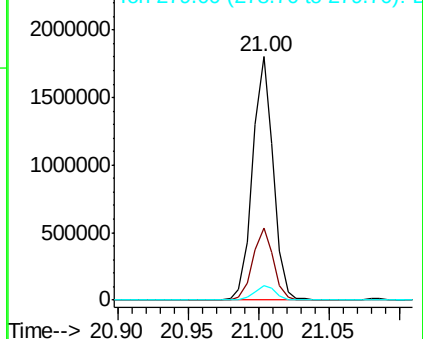


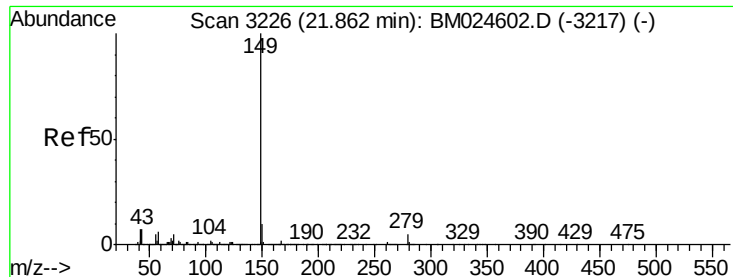
Abundance

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

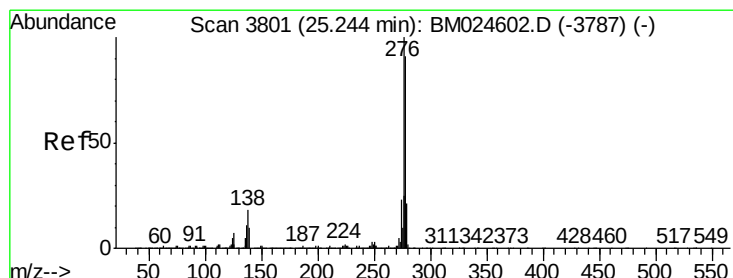
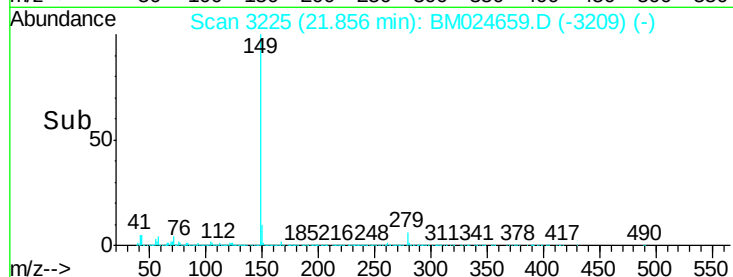
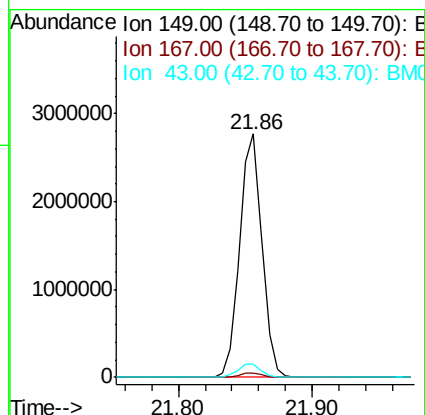
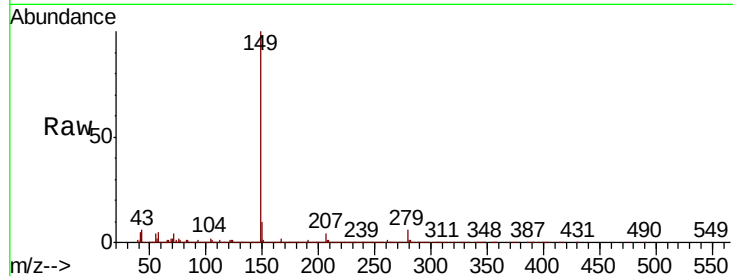




#85
Di-n-octyl phthalate
Concen: 41.313 ng
RT: 21.86 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

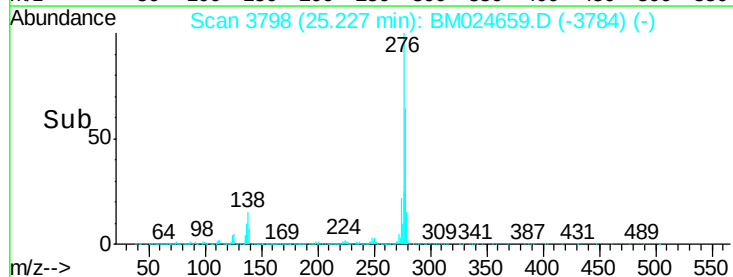
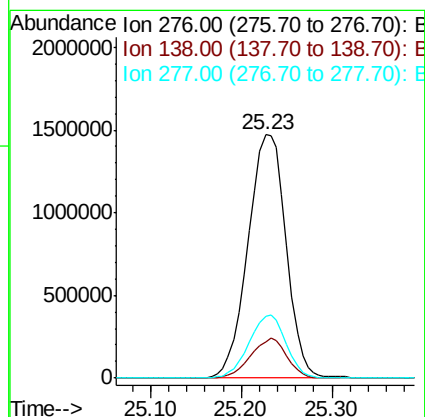
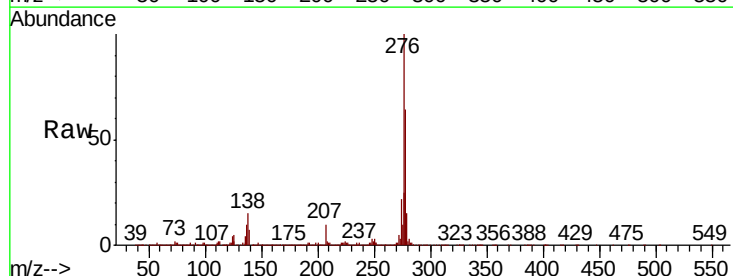
Instrument :
BNA_M
ClientSampleId :

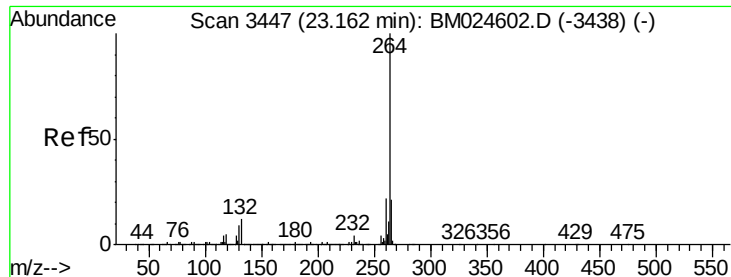
Tot Ion:149 Resp: 3206175
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 5.7 5.8 8.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.617 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024659.D
Acq: 30 Jan 2020 15:28

Tgt Ion:276 Resp: 4288080
Ion Ratio Lower Upper
276 100
138 15.6 13.4 20.0
277 25.3 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampled :

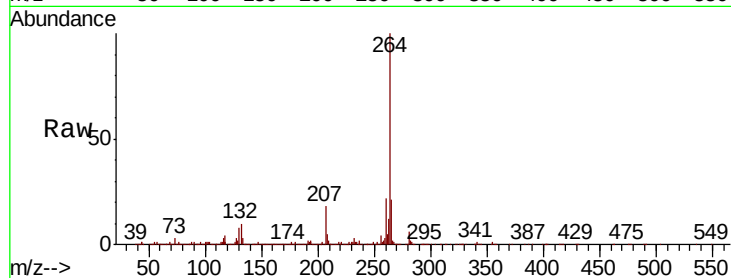
Tot Ion:264 Resp: 1343060

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	21.2	17.3	25.9

264 100

260 22.4 17.9 26.9

265 21.2 17.3 25.9

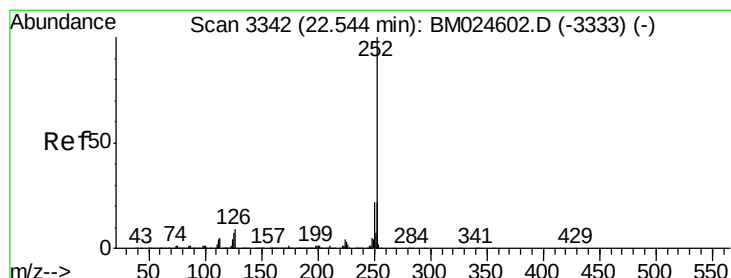
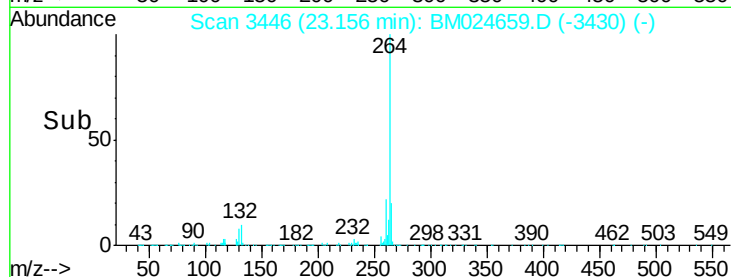
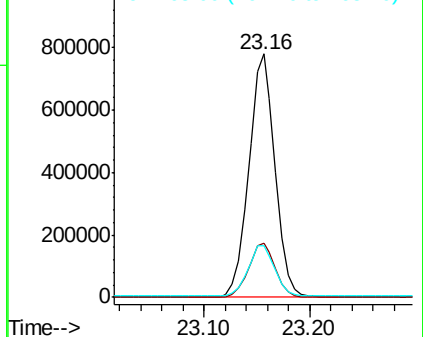


Abundance

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: 41.925 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

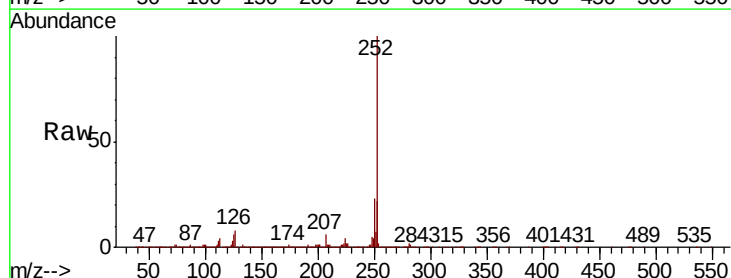
Tgt Ion:252 Resp: 3651978

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.0	5.7	8.5

252 100

253 21.8 17.6 26.4

125 6.0 5.7 8.5

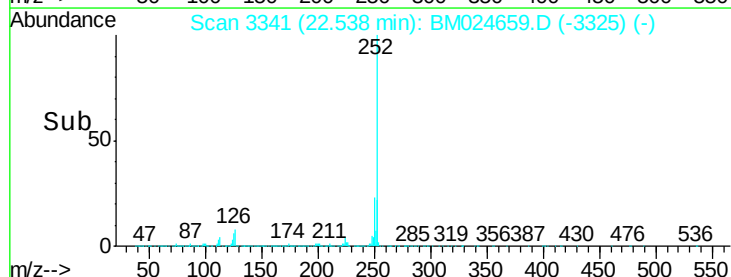
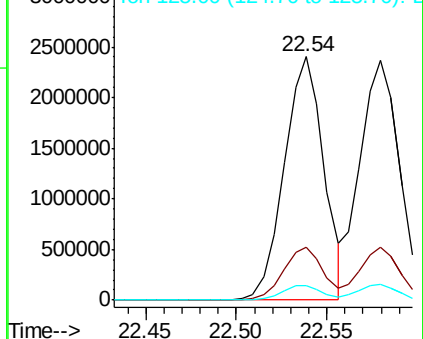


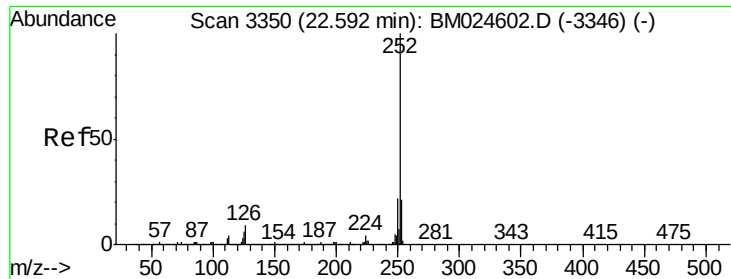
Abundance

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: 42.245 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

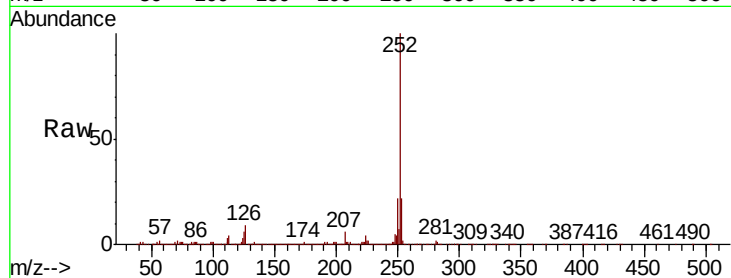
Tot Ion:252 Resp: 3591913

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

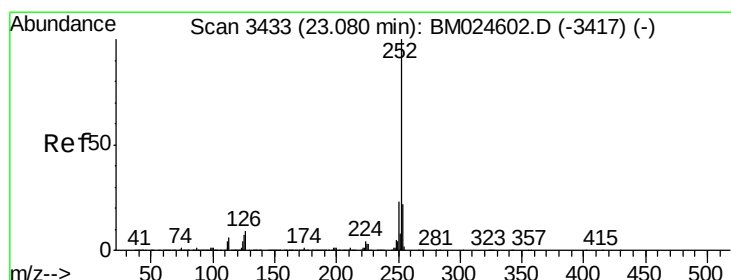
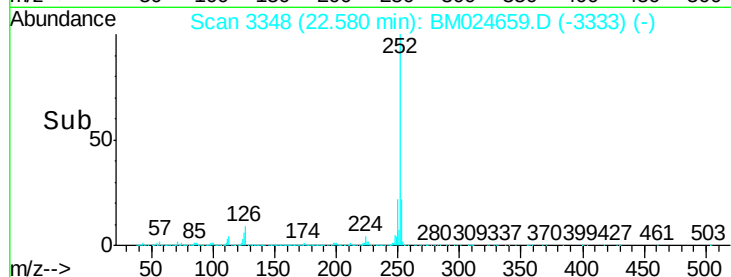
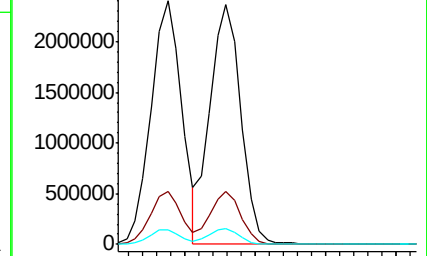
125 6.4 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.585 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

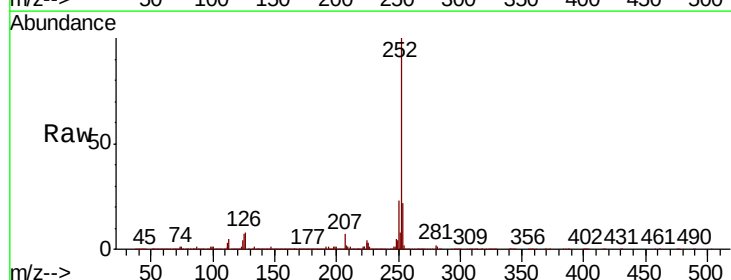
Tgt Ion:252 Resp: 3451747

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

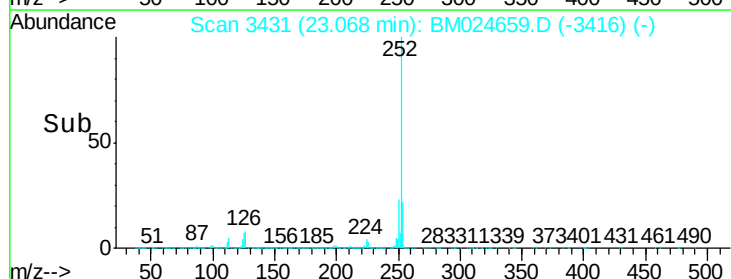
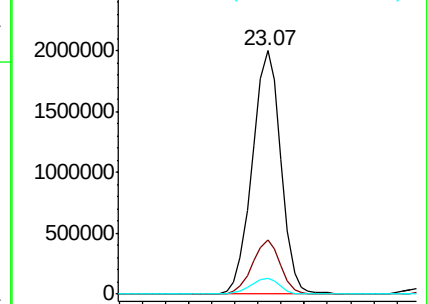
125 6.7 5.8 8.8

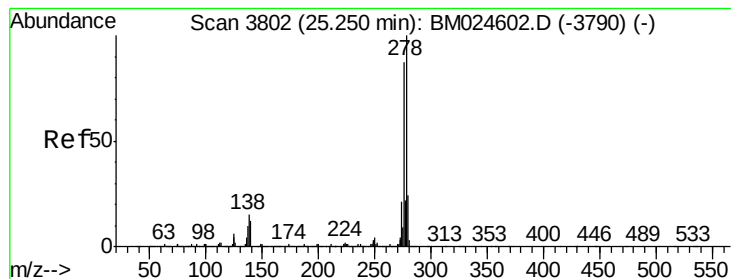


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.513 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

Instrument :

BNA_M

ClientSampleId :

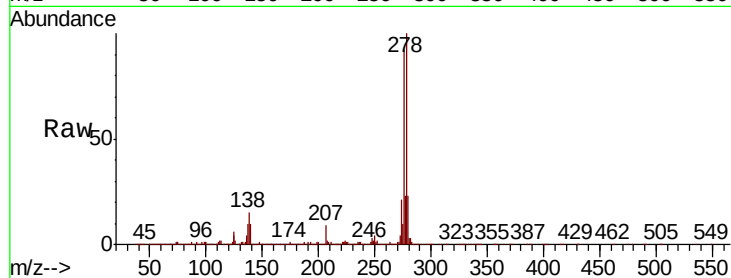
Tot Ion:278 Resp: 3571485

Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.3	13.9
279	23.2	18.9	28.3

278 100

139 10.2 9.3 13.9

279 23.2 18.9 28.3

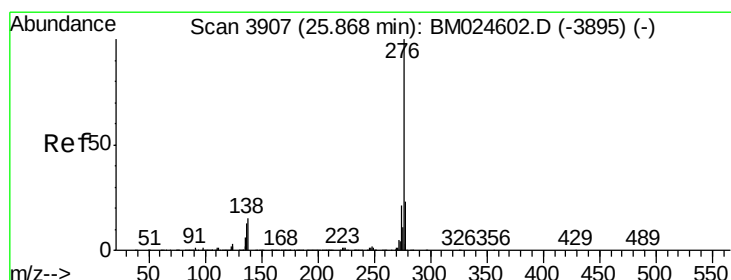
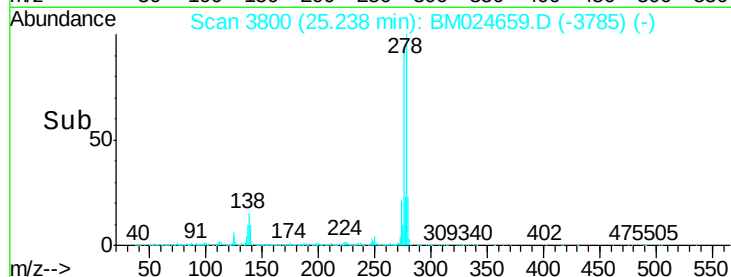
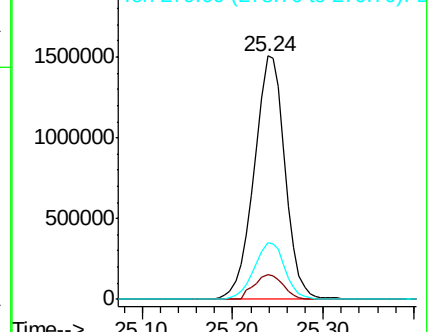


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 50.411 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024659.D

Acq: 30 Jan 2020 15:28

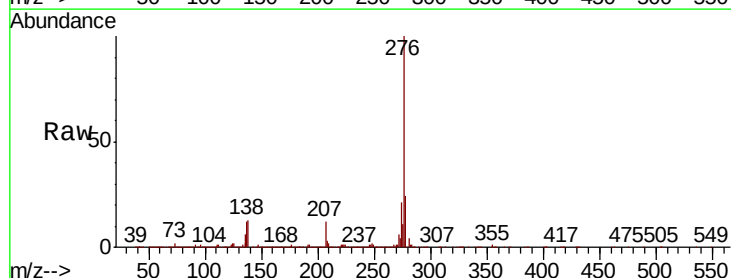
Tgt Ion:276 Resp: 3440759

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	13.1	11.9	17.9

276 100

277 23.8 18.6 28.0

138 13.1 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

